CR-IR346/348CL Service Manual

RI: Reinstalling the Software

⚠ WARNING

This manual is written for International distribution (including distribution in the U.S.) and therefore may contain references to mammography related options.
Mammography functionality for this product is not commercially available in the US, pending FDA Approval.
This functionality must not be activated on US models, the only breast related functionality available in the U.S. is the Specimen Imaging Application.

Control Sheet

Issue date	Revision number	Reason	Pages affected
10/20/2000	00	New release (FM2862)	All pages
12/10/2000	00	Revision (FM2950)	I, II, 5, 7, 8, 9, 13–15, 22, 23, 27, 28, 33, 35, 39, 40
04/10/2001	01	Previous Chapter D “Reinstalling the Software” modified (FM2951)	All pages
05/30/2001	02	Revision for software version A02	I, II, 1, 3–5, 8, 9, 11, 13-16, 18–42, Appx A-1–8, Appx B-1–4, Appx C-1, 2, Appx D-1–6,
08/30/2001	03	Revision for software version A04 (FM3125)	I, II, 1, 3, 4, 7, 12–17, 21, 22, 24–29,31, 32, 34, 35, 37, 38, 41 Appx A-1, 4, 7, Appx C-3, 4, Appx D-1, 3, 4, 6-8
08/30/2001	03	Changes in pagination (FM3125)	18–20, 23, 30, 33, 36, 39, 40, 42–46
03/20/2002	04	Revision for software version A07 (FM3297)	I, II, 15, 34, 41, Appx A-7, Appx B-1–3, Appx D-1, 4
03/20/2002	04	Changes in pagination (FM3297)	Appx D-2, 3, 5, 6-8
07/20/2002	05	Revision for software version A08 (FM3428)	I, II, 13-16, 19–24, 26, 28, 29, 31, 32, 38, 39, 41, 45–48, 54, Appx A-1, 7, Appx D-1, 2, 4–7, Appx E-1–4, Appx F-1–4
07/20/2002	05	Changes in pagination (FM3428)	12, 17, 18, 25, 27, 30, 33–37, 40, 42–44, 49–53, Appx D-8–10
11/30/2002	06	Revision for software version A09 (FM3499)	I, II, 3, 4, 9, 22, 24, 26, 28, 31–33, 38, Appx D-1, 2, 4–9, 11, Appx F-5, 6
11/30/2002	06	Changes in pagination (FM3499)	Appx D-10, 12
03/01/2003	07	Revision for software version A10 (FM3634)	I, II, 20, 22, 26, 32–34, 39, Appx C-2–4, Appx D-1, 7
03/01/2003	07	Changes in pagination (FM3634)	40-54
08/20/2003	08	Revision for software version A11 (FM4009)	I, II, 1, 3, 14, 15, 20, 22, 24, 26–28, 31–45, 48–58, Appx C-2, Appx D-1
12/10/2003	09	Revision for software version B00 (FM4158)	I–IV, 22, 25, 29, 38, 41, Appx A-7, Appx C-2, Appx D-1, Appx D-2
12/10/2003	09	Changes in pagination (FM4158)	26–28, 30–37, 39, 40, 42–58, Appx D-3–14
02/20/2004	10	A new production tool adopted and layout design changed (FM4220)	All pages

Control Sheet

Issue date	Revision number	Reason	Pages affected
07/30/2004	11	Revision for software version B00 (FM4254)	I, III, 1, 3–40, 46–48, 52, 57, 58, 60, 62, 63, 66, 67, 75, 76, 78, Appx A-1–6, 8–16, Appx B-1, 2, Appx D-1, 2, 5–8, 10, 14, Appx E-1, 2, Appx F-1
07/30/2004	11	Changes in pagination (FM4254)	41–45, 49–51, 53–56, 59, 61, 64, 65, 68–74, 77, 79, 80, Appx A-7, Appx B-3, 4, Appx D-11–13
11/12/2004	12	Revision for software version V1.0(C), support provided to NEC PC and corrections (FM4450)	I, III, 1, 3, 41, 43, 45, 46, 50, 55, 57, 59, 60, 62–64, 67, 75, 78, Appx C-1–4, Appx G-1–12
07/30/2005	14	Revision for software V3.0(B) (FM4543)	I, III, 1, 3, 4, 43, 47, 57, 58, 61, 64, 65, 67, 75, 81–86, Appx A-2, Appx D-2, 10, Appex G-1, 2, 12
07/30/2005	14	Changes in pagination (FM4543)	44
11/30/2005	15	Revision for software V3.1(B) (FM4760)	I, III, 1, 45, 47, 53, 55, 57, 64, 66, 74, 83, Appx G-1, 11, 12, Appx H-1–4
11/30/2005	15	Changes in pagination (FM4760)	46

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1. Installation Flowchart (DELL PC)

Presented below is the procedure used for installing the CL-AP from the OS. Follow the flowchart to install the CL-AP.

☞ **For how to install the CL-AP from the OS to an NEC PC, see “Appendix G Reinstalling the Software (NEC PC)”.**

◆ ***NOTES*** ◆

- *To facilitate you to understand installation workflow in this edition, the following icons are shown to the right of the title in each chapter.*

ALL : *All equipment*
RU : *XG-1 RU*
5000P : *5000 plus (FCR5000, etc.)*
356/357 : *CR-IR356/CR-IR357*
35X : *CR-IR355RU/CR-IR356/CR-IR357*
36X : *CR-IR362/CR-IR363/CR-IR364/CR-IR366/CR-IR367/CR-IR368*
9000 : *9000 series*

- *Windows 2000 screens are used herein, whose contents are the same as those displayed by Windows XP.*
  When setting procedures to be performed are different between Windows 2000 and Windows XP, follow the procedure specific to the used OS to perform necessary settings.

- Installation workflow

CL-Config and RU-Config(*1) backup

☞ **See Chapter 5 under MU: Maintenance Utility.**

2. Installing and Setting Up the OS

3. Setting Up the Monitor

4. Installing MSDE and Its Service Pack

5.1 Installing the CL-AP

5.2 Replacing the Menu Database

6. Installing the Screen Saver

7. Installing the CL Components

8. Installing the Standard Key

When one XG-1 RU or multiple XG-1 RUs or 356/357/36X are connected.

9. ****BLANK****

10. Option Key Installation

11. AP Key Installation

12. Initializing the Image Database

13. Display Optimization (LUT file settings)

14. Restoring the CL-Config

15. Creating the FTP Server

16. CR-IR346RU Settings

17. CR-IR35X/36X Settings

For RU-CL 1:1 connection: Essential
For RU-CL N:N connection: Only for RU master IIP

18. Setting Up NetMeeting [Reference]

Only when remote maintenance mode is used.

19. IIS Network Virus Protection

20. Settings Necessary for Installation of Windows XP Service Pack 2

*1 For the 5000 plus series or CR-IR356/357/36X, see the individual Service Manual to save Config backup.

☞ **For details of the RU master IIP see “6. RU-CL N:N Connection Function Overview” under “MD: Machine Description”.**

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2. Installing and Setting Up the OS

ALL

◆ *NOTES* ◆

- *Before installing the OS, note down the CL host name, IP address, subnet mask, and other relevant information. These items of information will be called for during OS installation.*
- *The “5000 plus” is abbreviated hereinafter simply “IR”.*

◆ Property sheet

OS installation drive		C:\
Partition/format		C drive only (no other partitions will be created.) /NTFS
Regional settings	Name	FUJI PHOTO FILM CO., LTD
	Organization	FUJI PHOTO FILM CO., LTD
Product key		Indicated on the right-hand side of the PC main unit cover.
Computer name and password	Computer name	The default settings when shipped from factory CR-IR346CL : CLXXXXXXXX CR-IR346CL (Lite) : CRXXXXXXXX CR-IR348CL (Plus) : CPXXXXXXXX (XXXXXXXX : manufacture No.) Take notes accordingly if changed.
	Password	fcr-iip
Network settings	Protocol used	TCP/IP
	IP address	“172.16.1.20” when shipped from factory. * Take notes accordingly if changed.
	Subnet mask	“255.255.0.0” when shipped from factory. * Take notes accordingly if changed.
	Domain or work group	Used by the work group. (The group name remains the default.)
This computer’s user settings (auto logon settings)	Automatically logged on user name	Administrator
	Password	fcr-iip
Monitor settings	Display color	True Color (24 or 32bits)
	Display area	1024×768 (15inch LCD/17inch CRT)
	MS-IME setting (Japanese version only)	The toolbar is stored in the task bar.

OS installation and setting procedures are different between Windows 2000 and Windows XP. Follow the procedures specific to the used OS.

- **For Windows 2000**

  ☞ **See “2.1 Installing and Setting Windows 2000”.**

- **For Windows XP**

  ☞ **See “2.2 Installing and Setting Windows XP”.**

2.1 Installing and Setting Windows 2000

2.1.1 Installing Windows 2000

This section explains about the Windows 2000 installation procedure.

The OS is to be installed in the following situations:

- After HDD replacement
- After an error occurrence in the OS

Items to be readied for OS installation:

- Windows 2000 installation CD
  (Dell Product Recovery CD (Windows 2000) contained in the PC box.)
- Dell Resource CD
  (A CD that stores various drivers.)
- Product key
  (Indicated on the right-hand side cover of the PC main unit.)

➤ *IMPORTANT*

- *Before formatting the HDD, back up necessary image data as required by the user.*
- *Back up config data (CL-Config, RU-Config) that stores various CL and RU settings, ahead of time.*
- *Use the User Utility function to back up user setup information items (check all the items).*

◆ *NOTES* ◆

- *OS installation procedures are described herein using a DELL OptiPlex GX110 PC and a GX150 PC models.*
  If other PC models are used, see the user manual that comes with the PC.
- *If the PC is not connected via the network, the network setup windows will not be displayed while the OS is being installed. To establish network settings, be sure to connect the PC to the network (connection to the RU) before installation work.*
- *When the HDD has been replaced, check setup details ahead of time because the HDD cannot be operated unless the PC's BIOS settings are changed accordingly.*
- *Driver software installation can be required while Windows 2000 is being installed. In such a case, install it using the Dell Resource CD.*

■ Removing the board and peripheral devices

1. Remove the PEI or PSI board if it is mounted on the PCI slots.

☞ **For board removal procedures, see "Appendix C Removing/Reinstalling the Board (PEI/PSI)".**

2. Disconnect all peripheral devices, such as the barcode reader and magnetic card reader, from the USB ports.

◆ *NOTES* ◆

- *When the OS was installed with the PEI/PSI board mounted on the PCI slots, be sure to delete the ? Other devices file from the Device Manager upon completion of OS installation.*

☞ ***"■ Checking the PEI01A board device driver" in "3.2 Typical Procedure for Achieving Recovery from an LP (Local Printer) Printout Generation Failure" under "MT: Machine Troubleshooting".***

- *If you perform the OS installation procedure while the peripheral devices are connected to the USB ports, improper drivers will be installed as is the case with the PEI and PSI boards.*

■ Network connection between the CL and the RU/IR

Unless the PC is connected properly via the network, the network setup windows will not be displayed while the OS is being installed, depending on the Windows 2000 installer specifications.

1. **Use a crossing cable to connect the CL to the RU/IR or use a network cable to connect the CL to the HUB for network connection via the HUB.**

2. **Turn ON the power to the RU/IR.**
   For network connection via the HUB, the power can be left turned OFF.

■ Collecting the computer-related information

1. **Turn ON the monitor and PC power switches.**
   ➔ The PC starts up.

2. **Press the <F2> key when the message “F2 SETUP” appears at the upper right of the window.**

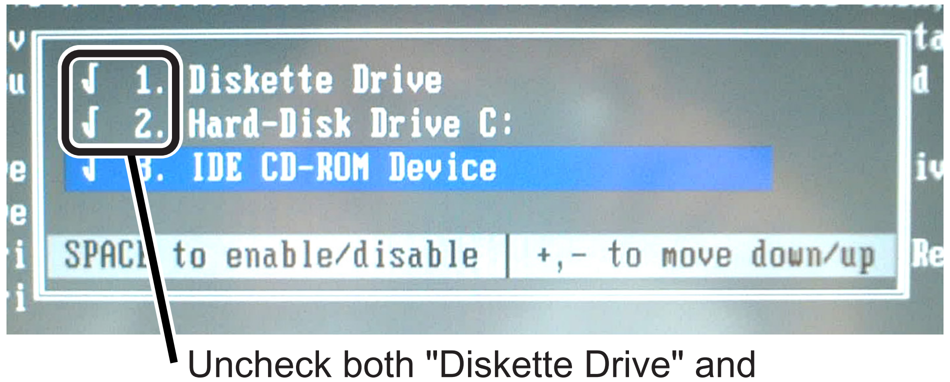
   ◆ NOTE ◆

   If the <F2> key is not pressed with the timeliness, the setup window will not open.
   In such a case, restart the PC to perform step 2. again.

   ➔ The setup window opens.

3. **Select “Boot Sequence” and press the <Enter> key.**
   ➔ The startup drive selection dialog opens.

4. **Deselect both “Diskette Drive” and “Hard-Disk Drive C:” (uncheck the “√” mark.)**



√ 1. Diskette Drive
√ 2. Hard-Disk Drive C:
√ 3. IDE CD-ROM Device
SPACE to enable/disable | +,- to move down/up

Uncheck both "Diskette Drive" and "Hard-Disk Drive C:".
Leave "IDE CD-ROM Device" as is.

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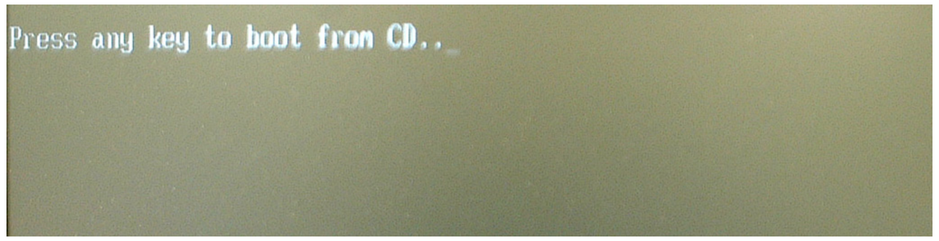
5. **Insert the installation CD into the CD-ROM drive of the PC.**

6. **Save the setup data and restart the PC.**

➔ After a while, the message “Press any key to boot from CD..” appears at the upper left corner of the window.



```
Press any key to boot from CD..
```

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7. **Press the <Enter> key within a 3-second period.**

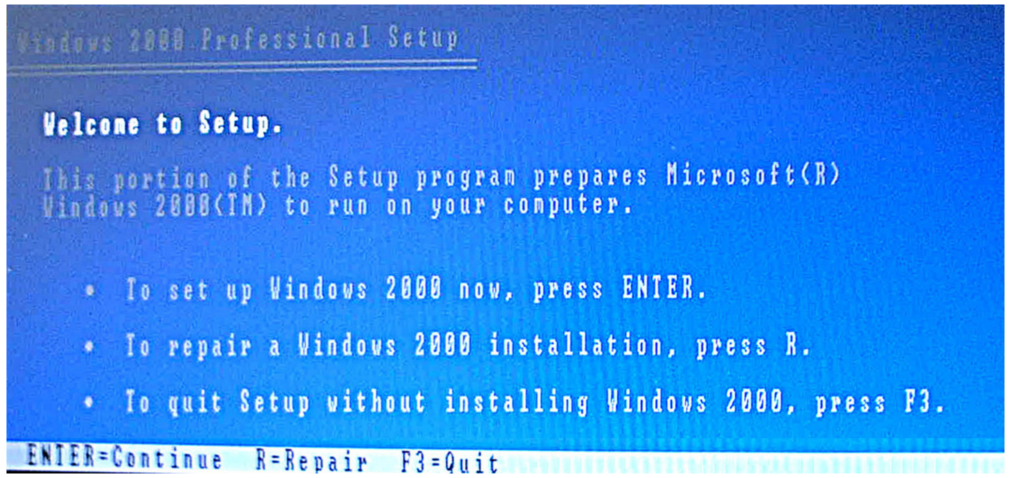
◆ **NOTE** ◆

If you do not press the <Enter> key within a period of about 3 seconds after the message “Press any key to boot from CD..” appears at the upper left corner of the screen, the installation CD cannot be recognized.

If such a failure occurs, restart the PC to perform step 7. again.

➔ The “Windows 2000 Professional Setup” window opens in about two minutes.

8. **Press the <Enter> key.**



```
Windows 2000 Professional Setup

Welcome to Setup.

This portion of the Setup program prepares Microsoft(R)
Windows 2000(TM) to run on your computer.

    • To set up Windows 2000 now, press ENTER.

    • To repair a Windows 2000 installation, press R.

    • To quit Setup without installing Windows 2000, press F3.

ENTER=Continue  R=Repair  F3=Quit
```

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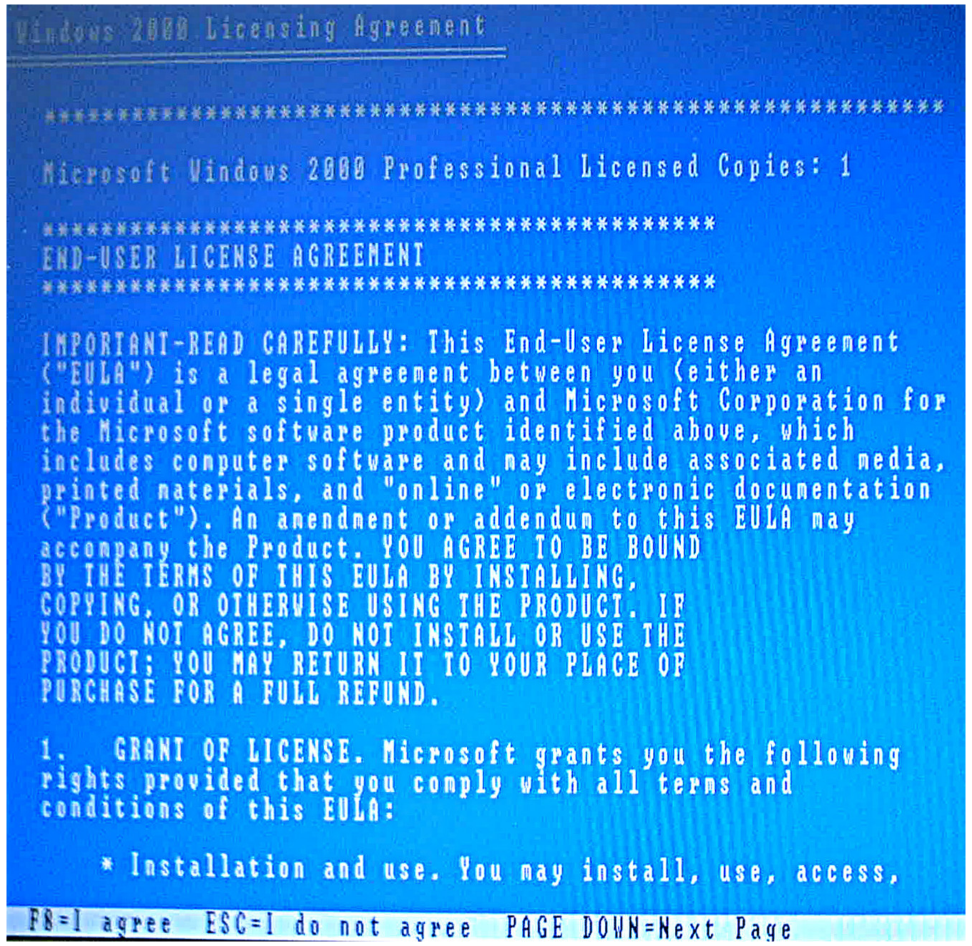
➔ The “Windows 2000 License Agreement” window opens.

9. **Press the <F8> key.**



```
Windows 2000 Licensing Agreement

 **************************************************************

 Microsoft Windows 2000 Professional Licensed Copies: 1

 ********************************************
 END-USER LICENSE AGREEMENT
 ********************************************

 IMPORTANT-READ CAREFULLY: This End-User License Agreement
 ("EULA") is a legal agreement between you (either an
 individual or a single entity) and Microsoft Corporation for
 the Microsoft software product identified above, which
 includes computer software and may include associated media,
 printed materials, and "online" or electronic documentation
 ("Product"). An amendment or addendum to this EULA may
 accompany the Product. YOU AGREE TO BE BOUND
 BY THE TERMS OF THIS EULA BY INSTALLING,
 COPYING, OR OTHERWISE USING THE PRODUCT. IF
 YOU DO NOT AGREE, DO NOT INSTALL OR USE THE
 PRODUCT; YOU MAY RETURN IT TO YOUR PLACE OF
 PURCHASE FOR A FULL REFUND.

 1.   GRANT OF LICENSE. Microsoft grants you the following
 rights provided that you comply with all terms and
 conditions of this EULA:

      * Installation and use. You may install, use, access,
 F8=I agree  ESC=I do not agree  PAGE DOWN=Next Page
```

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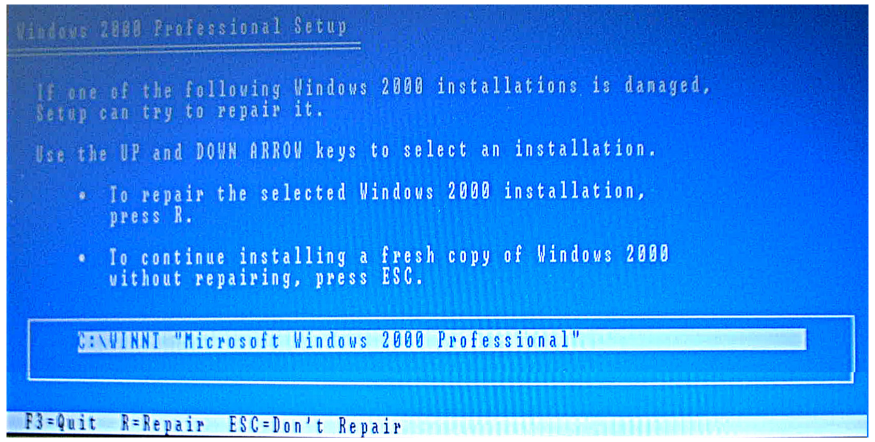
➔ A screen about Windows 2000 repairs opens in several seconds.

10. **Press the <Esc> key.**



```
Windows 2000 Professional Setup

  If one of the following Windows 2000 installations is damaged,
  Setup can try to repair it.

  Use the UP and DOWN ARROW keys to select an installation.

      • To repair the selected Windows 2000 installation,
        press R.

      • To continue installing a fresh copy of Windows 2000
        without repairing, press ESC.

      C:\WINNT "Microsoft Windows 2000 Professional"

 F3=Quit  R=Repair  ESC=Don't Repair
```

00000304.EPS

➔ A window opens, where partitions are to be deleted or set up.

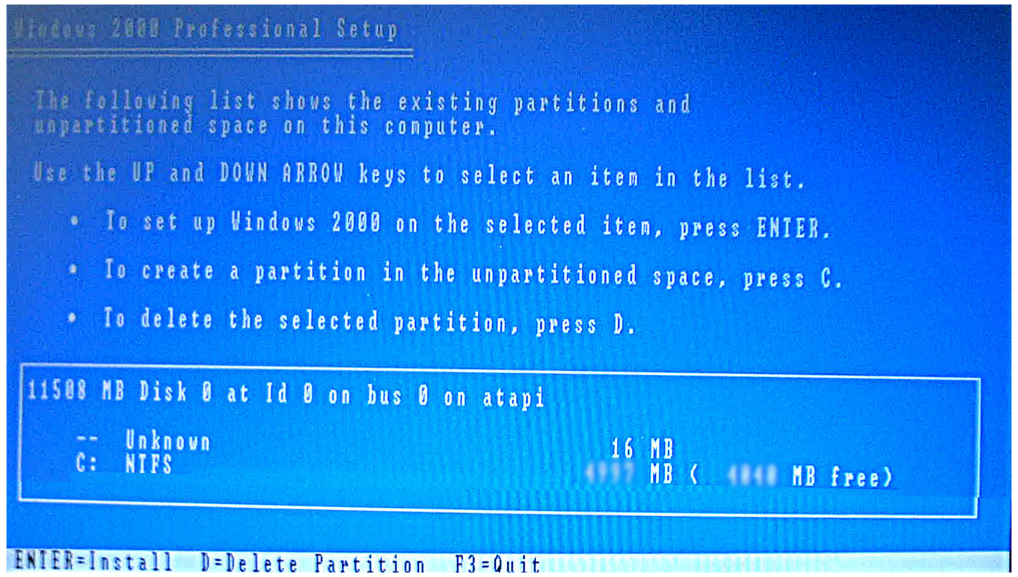
■ Deleting/formatting a partition

1. Select “C: NTFS” (or make sure that “C: NTFS” is selected) and then press the <D> key.

◆ NOTE ◆

Before deleting a partition, back up important image data and other necessary data that are stored on the HDD.

If a partition is deleted, the entire data in that partition is lost.



```
Windows 2000 Professional Setup

The following list shows the existing partitions and
unpartitioned space on this computer.

Use the UP and DOWN ARROW keys to select an item in the list.

    •  To set up Windows 2000 on the selected item, press ENTER.

    •  To create a partition in the unpartitioned space, press C.

    •  To delete the selected partition, press D.

11508 MB Disk 0 at Id 0 on bus 0 on atapi

   --  Unknown                                16 MB
   C:  NTFS                         [illegible] MB ( [illegible] MB free)

ENTER=Install  D=Delete Partition  F3=Quit
```

00000307.EPS

◆ NOTE ◆

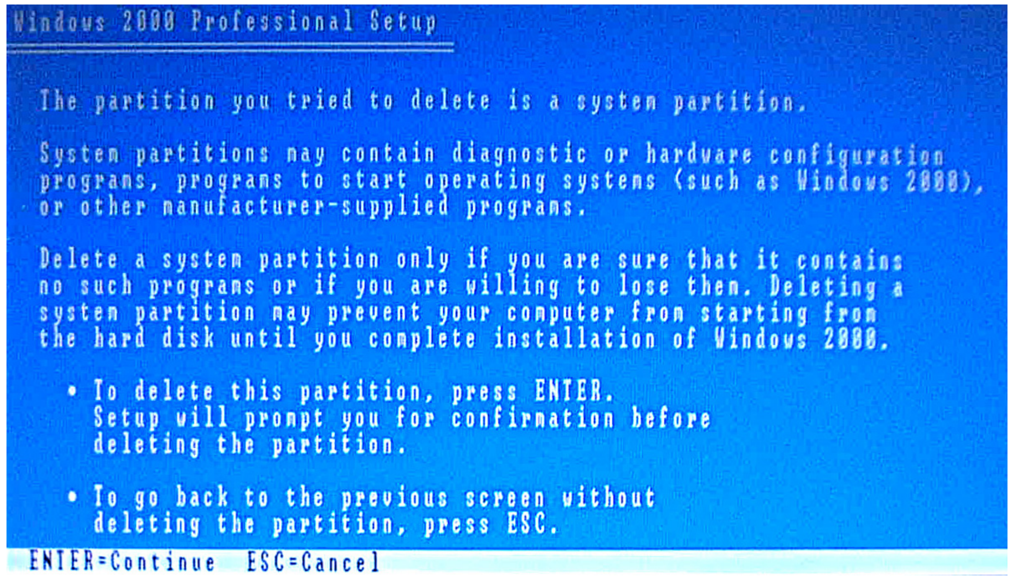
If “Unknown” partition exists on the window above, press the <L> and then <Enter> keys to delete the partition.

➔ The partition deletion confirmation screen opens.

2. Press the <Enter> key.

◆ NOTE ◆

This screen does not open when an attempt is made to format a partition in which no OS is installed.



```
Windows 2000 Professional Setup

 The partition you tried to delete is a system partition.

 System partitions may contain diagnostic or hardware configuration
 programs, programs to start operating systems (such as Windows 2000),
 or other manufacturer-supplied programs.

 Delete a system partition only if you are sure that it contains
 no such programs or if you are willing to lose them. Deleting a
 system partition may prevent your computer from starting from
 the hard disk until you complete installation of Windows 2000.

   •  To delete this partition, press ENTER.
      Setup will prompt you for confirmation before
      deleting the partition.

   •  To go back to the previous screen without
      deleting the partition, press ESC.
ENTER=Continue  ESC=Cancel
```

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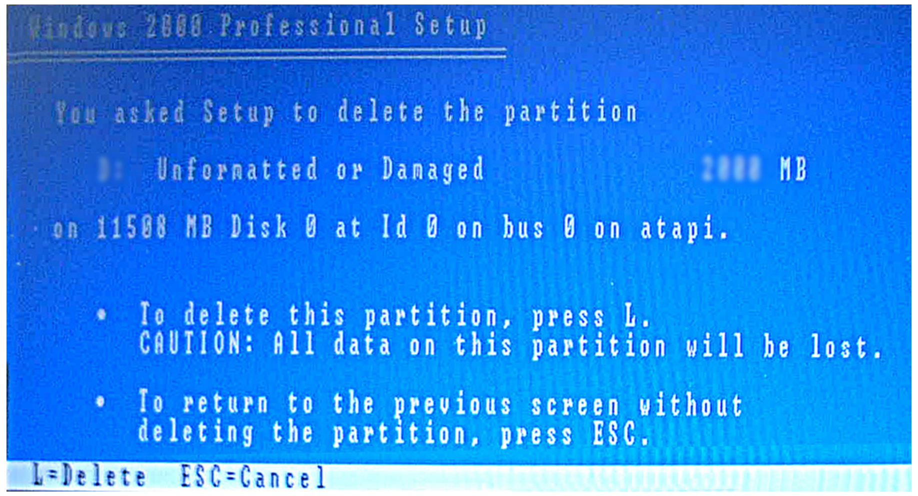
➔ The partition deletion confirmation screen opens again.

3. Press the <L> key.



```
Windows 2000 Professional Setup

 You asked Setup to delete the partition

    [illegible]  Unformatted or Damaged               [illegible] MB

 on 11508 MB Disk 0 at Id 0 on bus 0 on atapi.

     •  To delete this partition, press L.
        CAUTION: All data on this partition will be lost.

     •  To return to the previous screen without
        deleting the partition, press ESC.
L=Delete  ESC=Cancel
```

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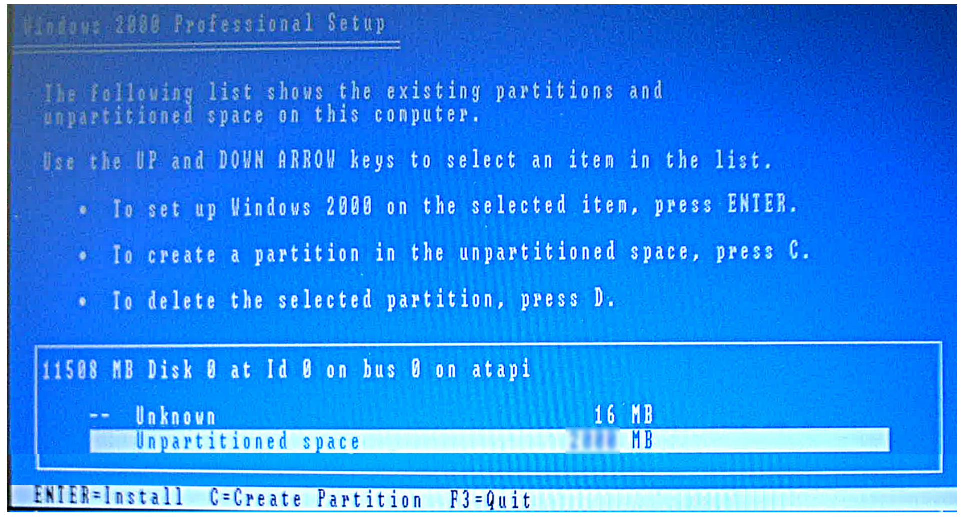
➔ After the completion of partition deletion, the partition creation screen opens.

4. **Select “Unpartitioned space” (or make sure that “Unpartitioned space” is selected) and then press the <Enter> key.**

◆ NOTE ◆

The <C> key needs not be pressed because only the C drive will be used on the CL.
Note, however, that creation of partition is not required for software version A10 or later.



```
Windows 2000 Professional Setup

The following list shows the existing partitions and
unpartitioned space on this computer.

Use the UP and DOWN ARROW keys to select an item in the list.

  •  To set up Windows 2000 on the selected item, press ENTER.

  •  To create a partition in the unpartitioned space, press C.

  •  To delete the selected partition, press D.

11508 MB Disk 0 at Id 0 on bus 0 on atapi

   --  Unknown                            16 MB
       Unpartitioned space              [illegible] MB

ENTER=Install  C=Create Partition  F3=Quit
```

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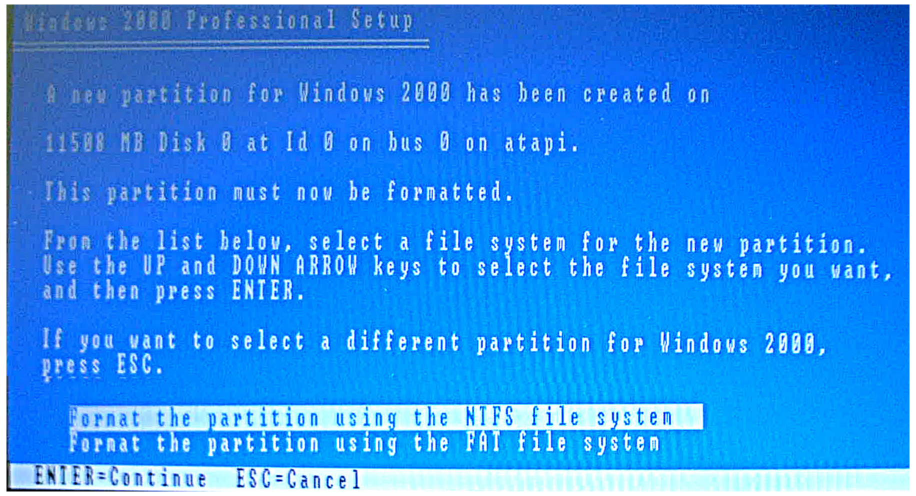
➔ The format selection screen opens.

5. **Verify that the “Format the partition using the NTFS file system” option is selected, and then press the <Enter> key.**



```
Windows 2000 Professional Setup

A new partition for Windows 2000 has been created on

11508 MB Disk 0 at Id 0 on bus 0 on atapi.

This partition must now be formatted.

From the list below, select a file system for the new partition.
Use the UP and DOWN ARROW keys to select the file system you want,
and then press ENTER.

If you want to select a different partition for Windows 2000,
press ESC.

   Format the partition using the NTFS file system
   Format the partition using the FAT file system

ENTER=Continue  ESC=Cancel
```

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➔ After formatting the HDD that takes about eight to 20 minutes depending on the HDD capacity, files will be copied from the CD-ROM to the HDD (this takes about five minutes).

➔ The PC restarts.

6. **When the message “F2 SETUP” appears at the upper right corner of the window, press the <F2> key.**

◆ NOTE ◆

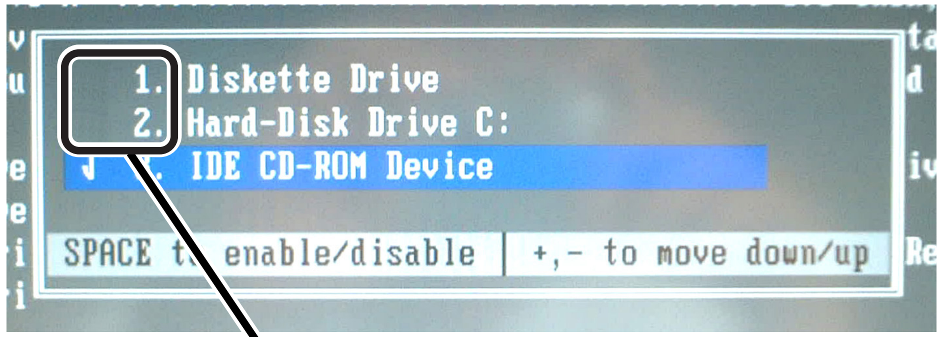
If you fail to press the <F2> key, restart the PC, wait until the message “F2 SETUP” appears at the upper right corner of the screen, and press the <F2> key.

➔ The setup window opens.

7. **Select “Boot Sequence” and press the <Enter> key.**

➔ The startup drive selection dialog opens.

8. **Check (√) both “1. Diskette Drive” and “2. Hard-Disk Drive C:”.**



```
1. Diskette Drive
2. Hard-Disk Drive C:
√ . IDE CD-ROM Device

SPACE to enable/disable | +,- to move down/up
```

Check (√) both 1. and 2.

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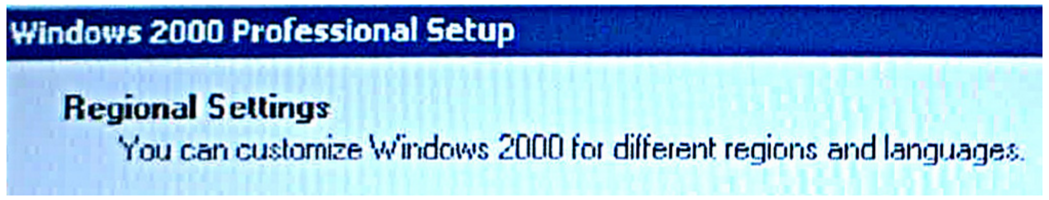
9. **Save the setup data and start the PC.**

10. **After the installation data has been read from the HDD (this takes about three minutes), click Next > when Windows 2000 setup wizard startup window opens.**

➥ ***REFERENCE***

If you do not click Next >, the system automatically switches to the “Regional Settings” window.

➔ Device driver setup processing starts, which takes about four minutes.
After the completion of device driver setup processing, the “Regional Settings” window opens.



Windows 2000 Professional Setup

Regional Settings

You can customize Windows 2000 for different regions and languages.

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■ Performing setup in accordance with the setup wizard

1. **From the “Regional Settings” window, click Next >.**

➔ The “Software Personal Setup” window opens.

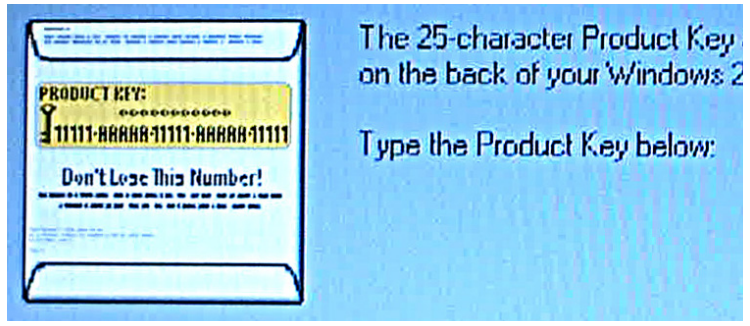
2. **Enter the following settings:**

❍ Enter “FUJI PHOTO FILM CO., LTD” in the Name: field.

❍ Enter ”FUJI PHOTO FILM CO., LTD” in the Organization: field.

3. **Click Next >.**

➔ The product key input window opens.



PRODUCT KEY:
11111-AAAAA-11111-AAAAA-11111
Don't Lose This Number!

The 25-character Product Key on the back of your Windows 2

Type the Product Key below:

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4. **Enter the product key in the Product Key field and then click Next >.**

➥ ***REFERENCE***

The product key is indicated on the right-hand side cover of the PC main unit.

➔ A window opens to prompt for computer name and password input.

5. **Enter the following settings:**

❍ Enter a computer name (host name) in the Computer name: field.

The default settings are as follows.

- CR-IR346CL : CLXXXXXXXX (use upper-case characters to enter the “CL”. XXXXXXXX are for the CL serial number.)
- CR-IR348CL : CRXXXXXXXX (Lite) (use upper-case characters to enter the “CR”. XXXXXXXX are for the CR serial number.)
- CR-IR348CL : CPXXXXXXXX (Plus) (use upper-case characters to enter the “CP”. XXXXXXXX are for the CR serial number.)

◆ ***NOTES*** ◆

- *Enter the host name that was noted down before the start of OS installation.*
- *Even if you enter lower-case characters, their upper-case equivalents appear in the Computer name: field.*
  Note, however, that the entered lower-case characters will be internally handled as lower-case character data.

❍ Enter “fcr-iip” in the Administrator password: field.

❍ Enter “fcr-iip” in the Confirm password: field.

➥ ***REFERENCE***

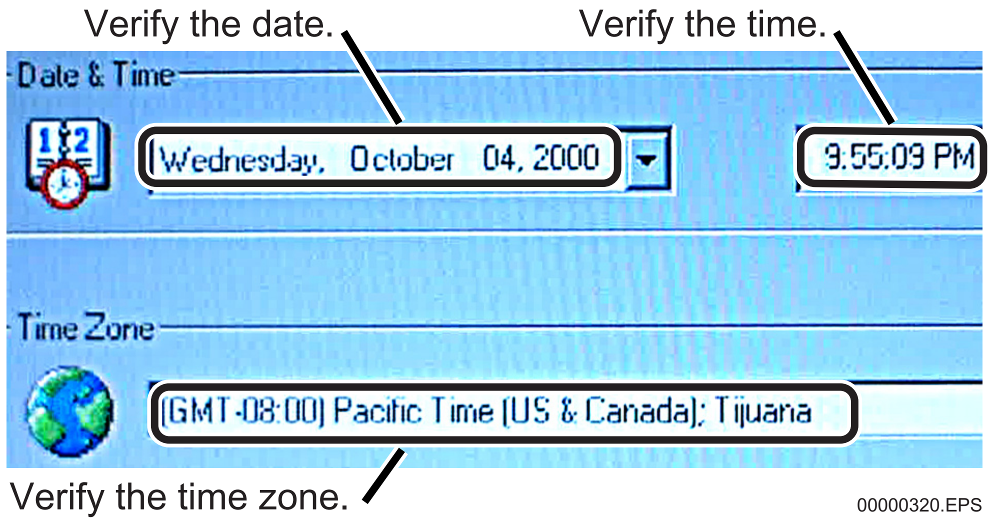
The character string entries in the [Administrator Password:] and [Confirm Password:] fields appear as asterisks (*).

6. **Click Next >.**

➔ The date/time setup window opens.

7. **Verify the date, time, and time zone, and then click Next >.**

If any wrong setting is encountered, correct it and then click Next >.



Date & Time

Wednesday, October 04, 2000

9:55:09 PM

Time Zone

(GMT-08:00) Pacific Time (US & Canada); Tijuana

00000320.EPS

➔ The “Network Setup” window opens in several minutes.

■ Setting the network information

◆ NOTE ◆

If the PC is not connected to the network, the network setup window does not open.

1. **When a network setup option selection window appears, prompting you to choose between Standard and Custom, choose ○ Custom settings (by changing ○ to ●), and then click Next >.**

   ➔ The "Network Component Setup" window opens.

2. **Make sure that ☑ Internet Protocol (TCP/IP) is checked. If it is not checked, put a check mark on it (by changing ☐ to ☑).**

3. **Select ☑ Internet Protocol (TCP/IP) (by highlighting it), and then click Properties.**

   ➔ The Internet protocol (TCP/IP) properties window opens.

4. **Choose ○ Use the following IP address: (so that ○ changes to ●).**

   ➔ "IP Address" and "Subnet Mask" then appear.

   ➥ REFERENCE

   The "IP Address" and "Subnet Mask" fields are now ready to accept your numerical value input.

5. **Enter the following settings:**
   - ❍ Enter an IP address (e.g., 172.16.1.20) in the IP address: field.
   - ❍ Enter a subnet mask (e.g., 255.255.0.0) in the Subnet mask: field.

   ◆ NOTE ◆

   Enter the IP address and subnet mask that were noted down before the start of OS installation.

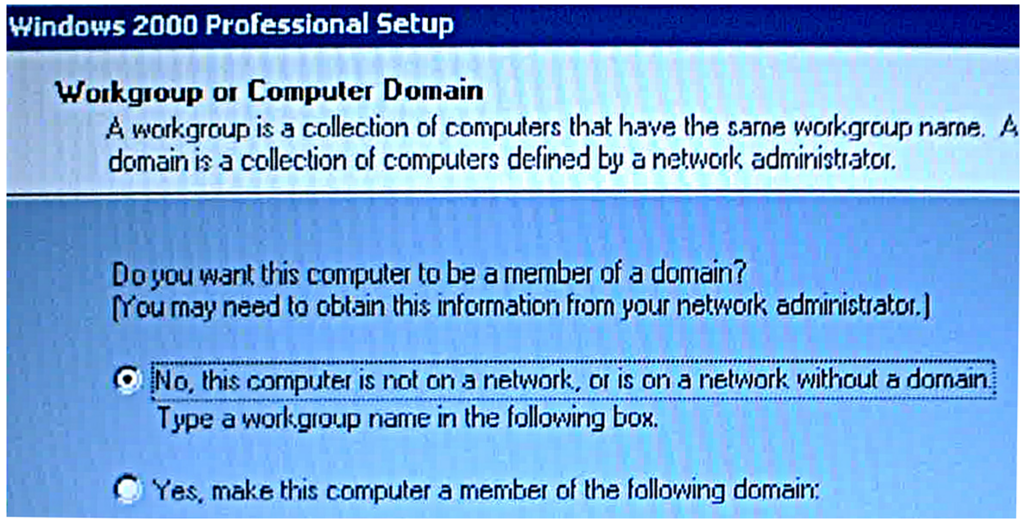
6. **Click OK.**

   ➔ The system returns then to the "Network Component Setup" window.

7. **Click Next >. It takes a few seconds to display the following window (computer domain setup window).**

   ➔ After a while, the computer domain setup window opens.

8. **Verify that the ◉ No, this computer is not on a network, or is on a network without a domain. radio button is selected (set to ◉), and then click Next >.**



Windows 2000 Professional Setup

Workgroup or Computer Domain

A workgroup is a collection of computers that have the same workgroup name. A domain is a collection of computers defined by a network administrator.

Do you want this computer to be a member of a domain?
(You may need to obtain this information from your network administrator.)

◉ No, this computer is not on a network, or is on a network without a domain.
Type a workgroup name in the following box.

○ Yes, make this computer a member of the following domain:

00000345.EPS

➥ *REFERENCE*

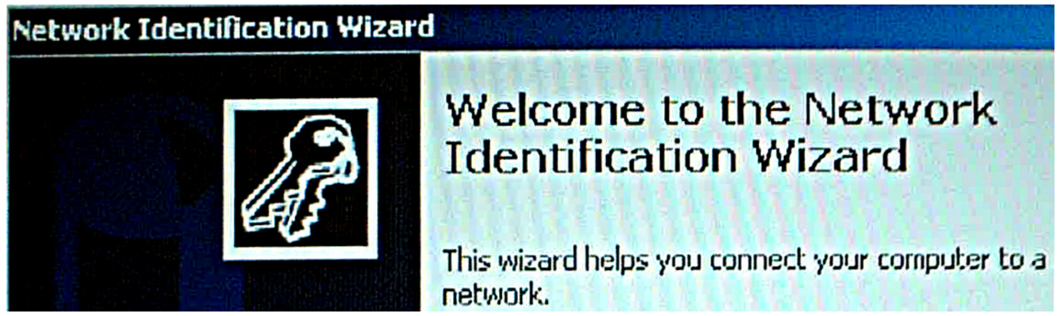
Do not let the CL become a domain member.

➔ The “Completing the Windows 2000 Setup Wizard” window opens in about five minutes.

9. **Remove the CD from the CD-ROM drive.**

10. **Click Finish.**

➔ The PC restarts and the “Network Identification Wizard Start” window opens.



Network Identification Wizard

Welcome to the Network Identification Wizard

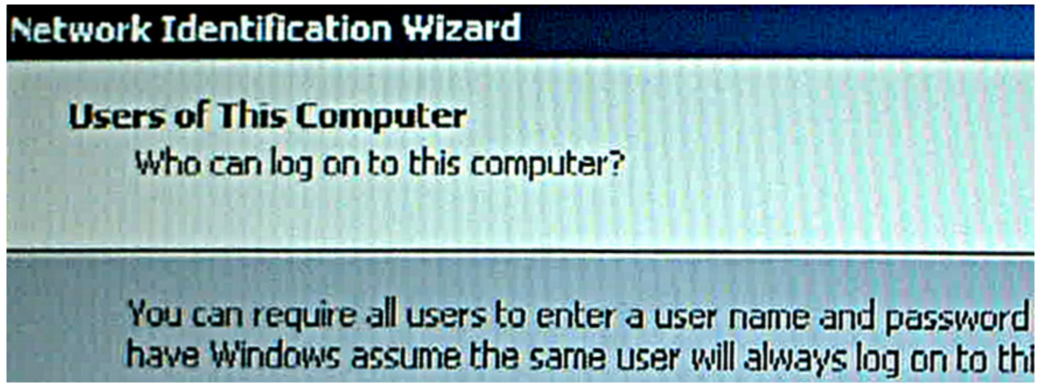
This wizard helps you connect your computer to a network.

00000314.EPS

■ Setting the user to be logged on automatically

1. **From the “Network Identification Wizard Start” window, click Next >.**

➔ A computer user setup window opens.



Network Identification Wizard

Users of This Computer
Who can log on to this computer?

You can require all users to enter a user name and password
have Windows assume the same user will always log on to thi

00000336.EPS

2. **Make sure that the ◉ Windows always assumes the following user has radio button is turned ON.**

3. **Enter the following settings:**

- ❍ Click the downward arrow mark ▾ within the User name: FUJI PHOTO FILM CC field to change to User name: Administrator.
- ❍ Enter “fcr-iip” in the Password: field.
- ❍ Enter “fcr-iip” in the Confirm password: field.

➥ *REFERENCE*

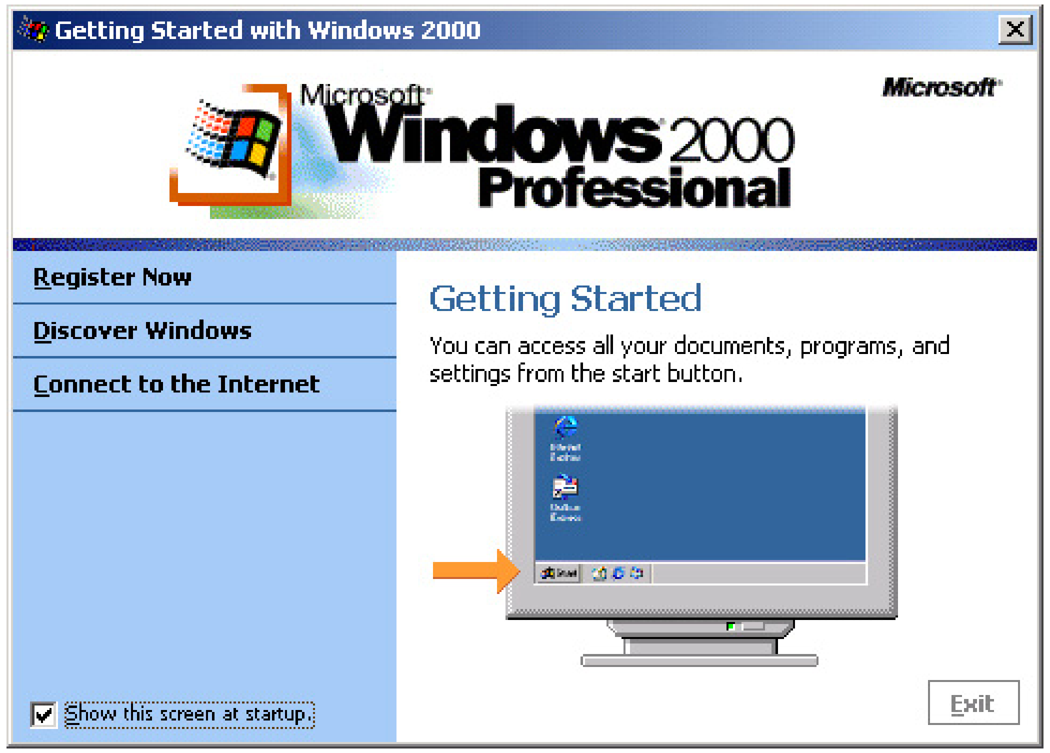
The character string entries in the [Password:] and [Confirm Password:] fields appear as asterisks (*).

4. **Click Next >.**

➔ The “Network Identification Wizard” ends and the desktop screen appears on the display.

5. **Click Finish.**

   ➔ After a while, the “Getting Started with Windows 2000 window opens.


Getting Started with Windows 2000
Microsoft Windows 2000 Professional
Microsoft
Register Now
Discover Windows
Connect to the Internet
☑ Show this screen at startup.
Exit

Getting Started

You can access all your documents, programs, and settings from the start button.

00000323.EPS

6. **Deselect ☑ Show this screen at startup. (so that ☑ changes to ☐).**

7. **Click the ☒ mark at the upper right corner of the window.**

   ➔ The system returns to the desktop screen.

OS installation is now completed.

2.1.2 Installing the Driver Software

For driver software installation, use the utility software on Dell ResourceCD. To do this, you must first install the utility software on the PC for the CL.

➥ ***REFERENCE***

To determine what driver software needs to be installed, you can use Device Manager. To open Device Manager, perform the following steps:

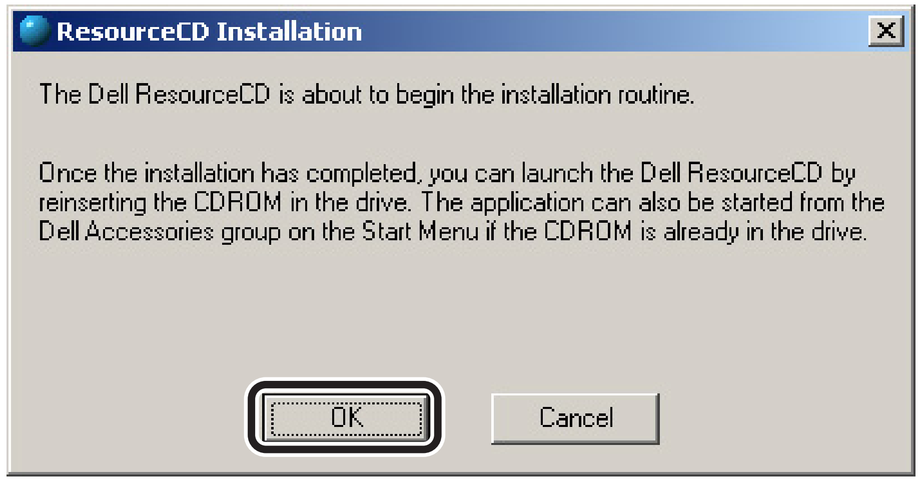
1. *Right-click the [My Computer] icon from the [Start] menu. From the pop-up menu that opens, choose [Properties].*
   ➔The [System Properties] window opens.
2. *Click the [Hardware] tab.*
3. *Click [Device Manager].*
   ➔ Device Manager opens.

The software for items marked “?” in Device Manager is not installed. Install the driver software for such items.

■ Installing the Dell ResourceCD utility software

1. **Insert Dell ResourceCD, which is supplied with the PC, into the CD-ROM drive.**

2. **When the following window automatically opens, click OK.**



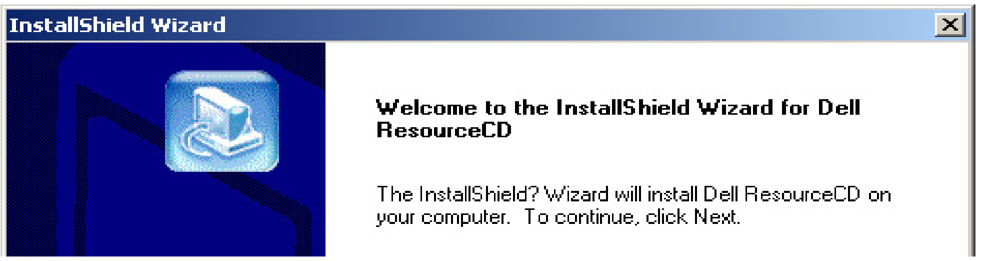
ResourceCD Installation

The Dell ResourceCD is about to begin the installation routine.

Once the installation has completed, you can launch the Dell ResourceCD by reinserting the CDROM in the drive. The application can also be started from the Dell Accessories group on the Start Menu if the CDROM is already in the drive.

00000365.EPS

➔ A new window opens to indicate that the installation wizard is started.



InstallShield Wizard

Welcome to the InstallShield Wizard for Dell ResourceCD

The InstallShield? Wizard will install Dell ResourceCD on your computer. To continue, click Next.

00000366.EPS

3. **Click Next >.**

➔ The installation processing starts.

After a while, a window opens to indicate that setup is completed.

4. **Verify that ● Yes, I want to restart my computer now. is chosen, and then click Finish.**

➔ The PC restarts.

➥ ***REFERENCE***

Depending on the version of the Dell ResourceCD utility software, the PC needs not to be restarted.

■ Installing the driver software

For the GX150, install the following driver software.

- Video driver : Intel815
- System driver : Intel CHIP SET
- Audio driver : ADI1885
- IDE ATA/ATAPI controller : Intel ATA Storage

◆ NOTE ◆

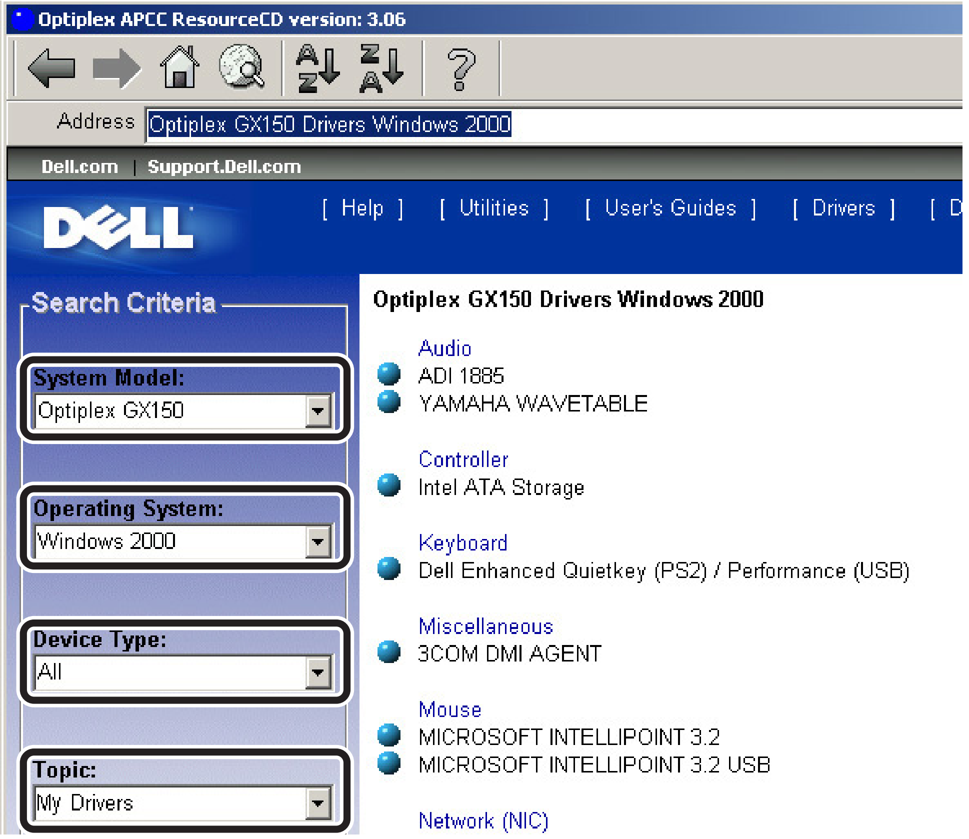
Since the drivers to be installed vary with the employed PC model and utility CD-ROM version, confirm the correct drivers by calling Dell Technical Support or visiting associated home page.

1. **Click Start, point to “Programs” and “Dell Accessories”, and then click “Dell ResourceCD”.**

➔ The Dell ResourceCD utility software starts up.

2. **When the following window opens, perform setup for the “Search Criteria” area under the following conditions.**

- System Model = OptiPlex GX150
- Operating System = Windows 2000
- Device Type = All
- Topic = My Drivers



Optiplex APCC ResourceCD version: 3.06

Address: Optiplex GX150 Drivers Windows 2000

Dell.com | Support.Dell.com

[Help] [Utilities] [User's Guides] [Drivers] [D

Search Criteria

System Model: Optiplex GX150

Operating System: Windows 2000

Device Type: All

Topic: My Drivers

Optiplex GX150 Drivers Windows 2000

Audio
- ADI 1885
- YAMAHA WAVETABLE

Controller
- Intel ATA Storage

Keyboard
- Dell Enhanced Quietkey (PS2) / Performance (USB)

Miscellaneous
- 3COM DMI AGENT

Mouse
- MICROSOFT INTELLIPOINT 3.2
- MICROSOFT INTELLIPOINT 3.2 USB

Network (NIC)

RI000063.EPS

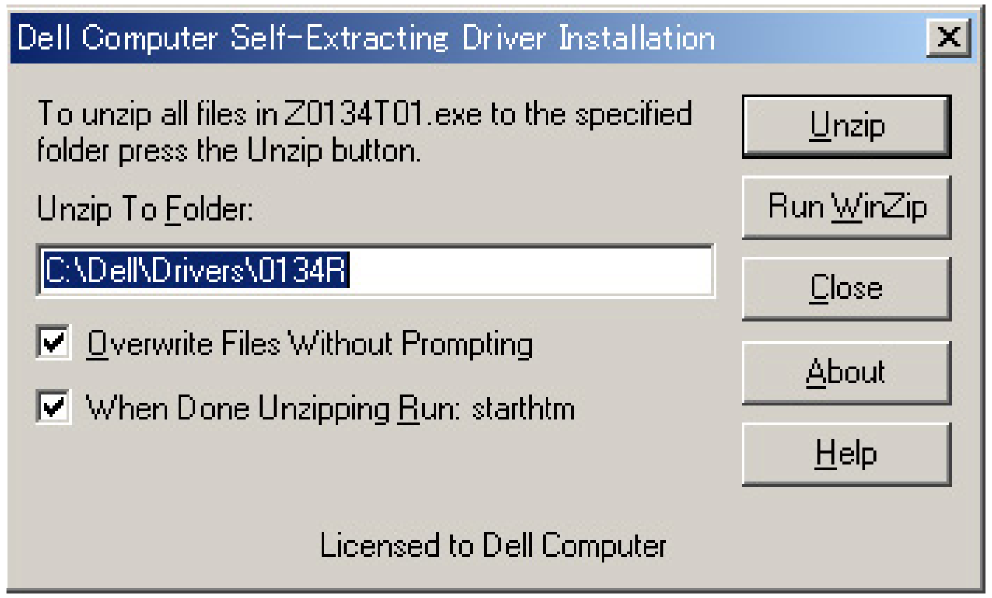
3. **In the “Video” area, click “INTEL 815”.**

➔ “WinZip Self-Extractor” appears.

4. **Click OK to decompress files.**

➔ “Dell Computer Self-Extracting Driver Installation” appears.

5. **Click Unzip.**



Dell Computer Self-Extracting Driver Installation

To unzip all files in Z0134T01.exe to the specified folder press the Unzip button.

Unzip To Folder: C:\Dell\Drivers\0134R

☑ Overwrite Files Without Prompting

☑ When Done Unzipping Run: starthtm

Licensed to Dell Computer

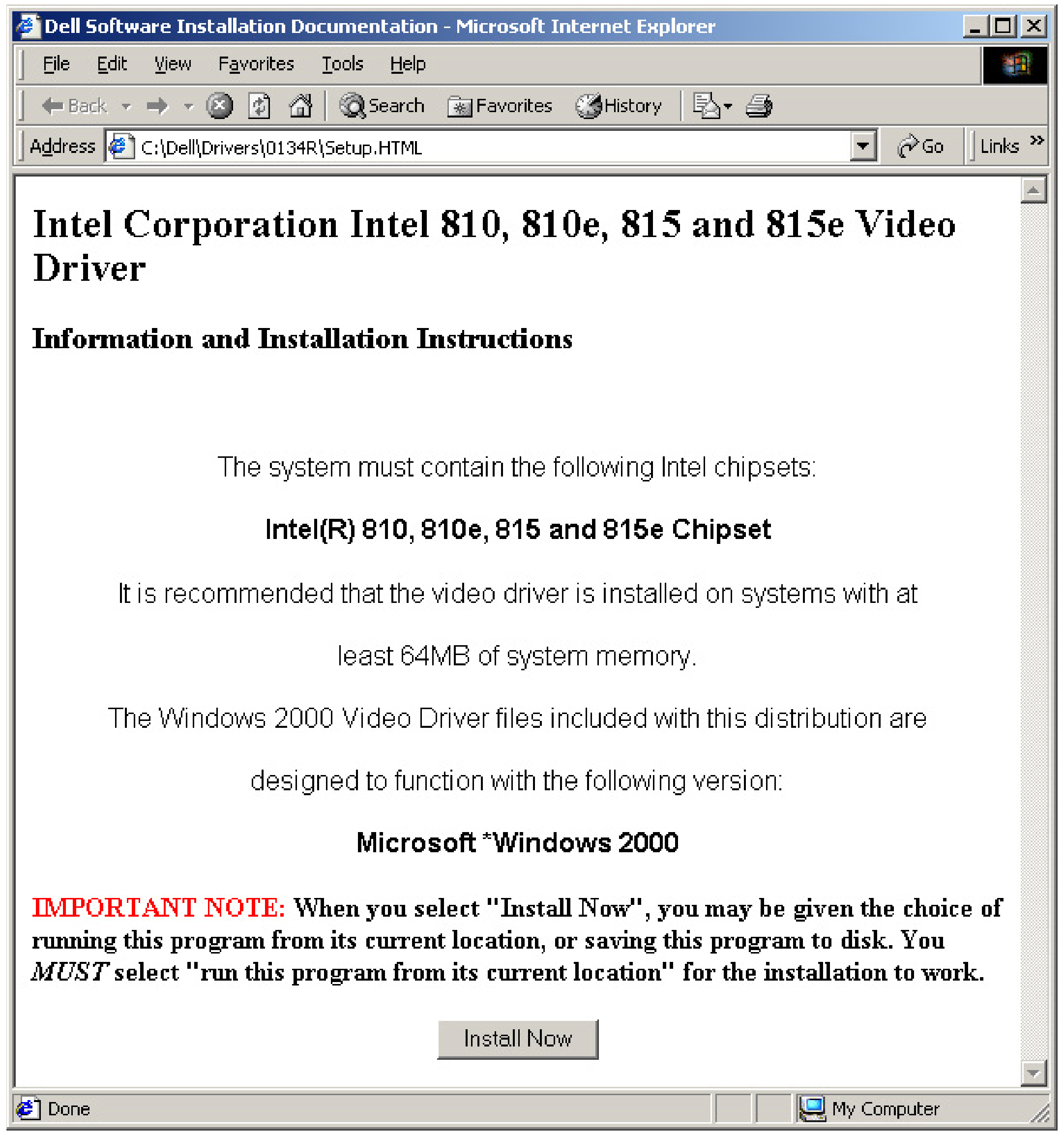
RI000064.EPS

➔ A window opens to indicate that unzipping is completed.

6. **Click OK.**

➔ Internet Explorer starts up.

7. **Scroll the screen downward until you reach its bottom, and then click Install Now.**


Dell Software Installation Documentation - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Address C:\Dell\Drivers\0134R\Setup.HTML
Go Links
Done
My Computer

Intel Corporation Intel 810, 810e, 815 and 815e Video Driver

Information and Installation Instructions

The system must contain the following Intel chipsets:

Intel(R) 810, 810e, 815 and 815e Chipset

It is recommended that the video driver is installed on systems with at least 64MB of system memory.

The Windows 2000 Video Driver files included with this distribution are designed to function with the following version:

Microsoft *Windows 2000

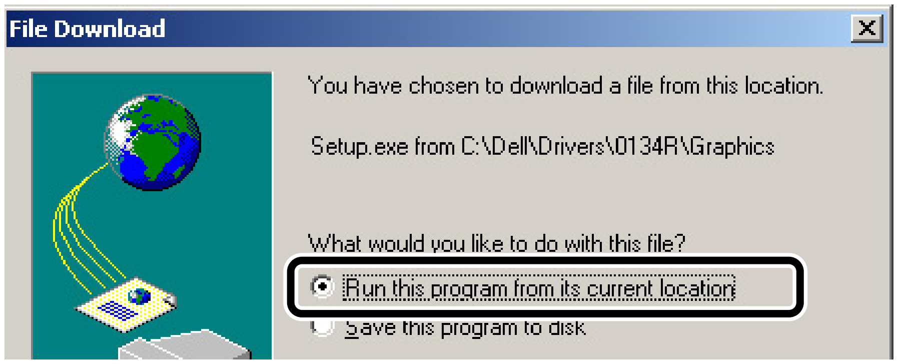
IMPORTANT NOTE: **When you select "Install Now", you may be given the choice of running this program from its current location, or saving this program to disk. You *MUST* select "run this program from its current location" for the installation to work.**

Install Now

RI000065.EPS

➔ The "File Download" window opens.

8. **Choose "Run this program from its current location" and then click OK.**


File Download

You have chosen to download a file from this location.

Setup.exe from C:\Dell\Drivers\0134R\Graphics

What would you like to do with this file?

● Run this program from its current location

○ Save this program to disk

RI000066.EPS

➔ The "Security Warning" window opens.

9. **Click Yes.**

➔ The driver software installer starts running.

10. **Follow the installer's on-screen instructions to install the driver software.**

11. **Install the other driver software (Intel CHIP SET, ADI1885 and Intel ATA Storage) by performing the same procedure as indicated in steps 3. through 10.**

2.1.3 Setting the OS

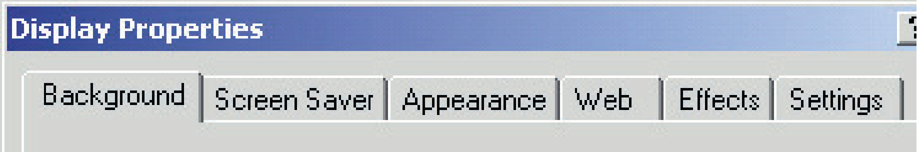
Perform the following OS-related settings.

- The number of colors (“Colors”) and monitor resolution (“Screen area“)
- Refresh frequency
- Modification of the OS selection menu
- Procedure for avoiding a password input prompt when exiting the suspend mode (as necessary)
- Defining the character to be used as a decimal point

■ Setting the monitor

1. Right-click a blank space on the desktop, and then choose “Properties” from the pop-up menu.

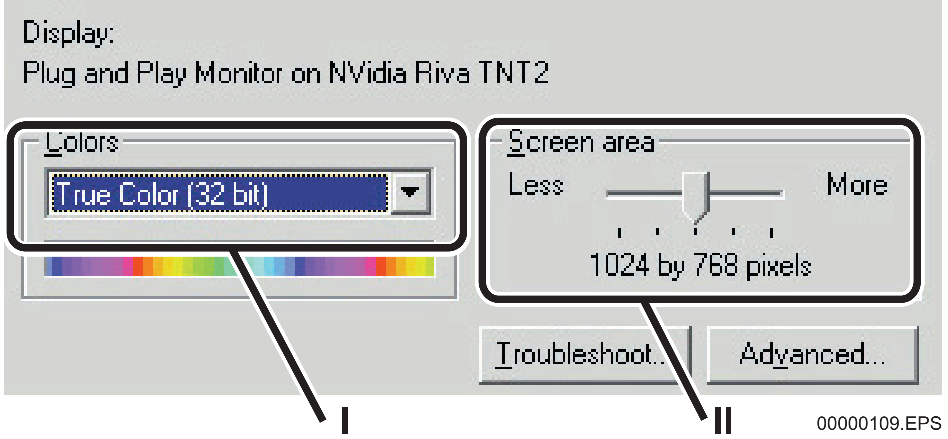
➔ The “Display Properties” window opens.



00000108.EPS

2. Click the “Settings” tab.

3. Complete monitor setup as directed below.



Display:
Plug and Play Monitor on NVidia Riva TNT2

Colors: True Color (32 bit)

Screen area: 1024 by 768 pixels

00000109.EPS

I.	“Colors”	:	Choose True Color (24- or 32-bit).
II.	“Screen area”	:	Choose 1024 × 768 pixels.

4. Click Apply.

➔ The confirmation window opens.

5. Click OK.

➔ The screen area changes and the monitor setting window opens.

6. Click Yes.

◆ NOTE ◆

Click Yes immediately. If it is not clicked in 15 seconds, the window returns to the previous status.

■ Setting the refresh frequency

1. **In the “Settings” tab of the “Display Properties” window, click Advanced... .**

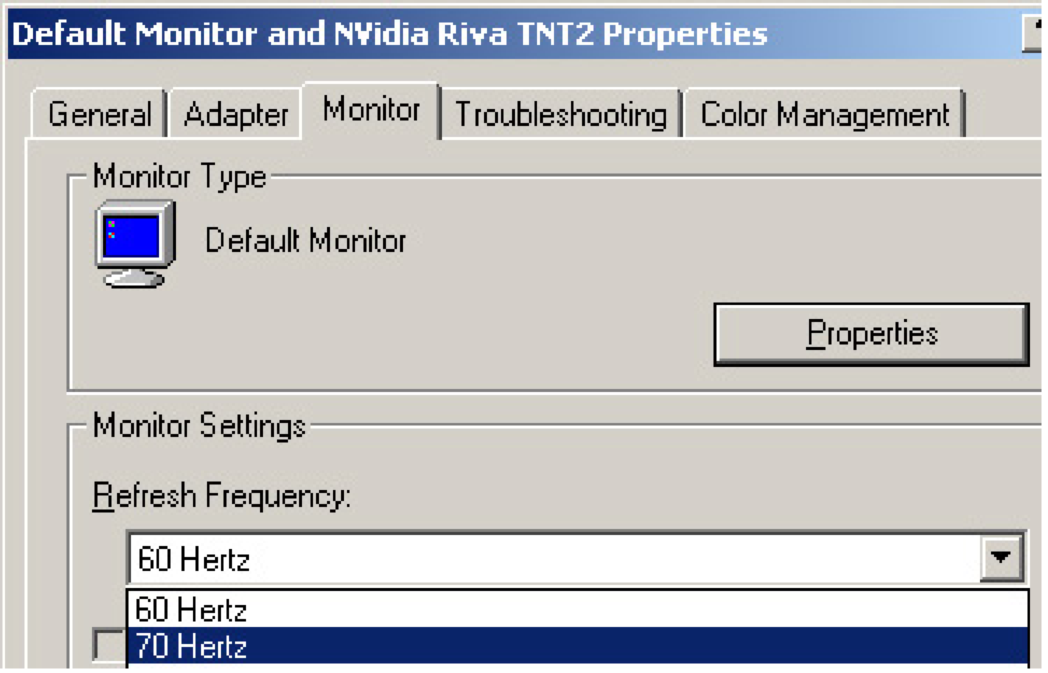
➔ The “Plug-and-Play Monitor and ... Properties” window opens.

2. **Click the “Monitor” tab.**

3. **From the “Refresh Frequency” pull-down menu, choose “75 Hertz”.**

◆ NOTE ◆

If the screen becomes disordered when a setting of 75 Hertz is chosen, change the setting to 70 Hertz.
If the screen becomes disordered even when set to 70 Hertz, change it to 60 Hertz.


Default Monitor and NVidia Riva TNT2 Properties
General
Adapter
Monitor
Troubleshooting
Color Management
Monitor Type
Default Monitor
Properties
Monitor Settings
60 Hertz
70 Hertz

Refresh Frequency: 60 Hertz

RI000041.EPS

4. **Click Apply .**

➔ The confirmation window opens.

5. **Click OK .**

➔ The screen area changes and the “Monitor Setup” window opens.

6. **Click OK .**

◆ NOTE ◆

If you do not click OK within 15 seconds, the system reverts the previous setting. Therefore, click it without delay.

7. **Click OK to close the “Display Properties” window.**

■ Hiding the OS selection menu

When the OS is installed newly, the OS selection menu opens at OS startup. Therefore, perform the following procedure so that the OS selection menu does not open:

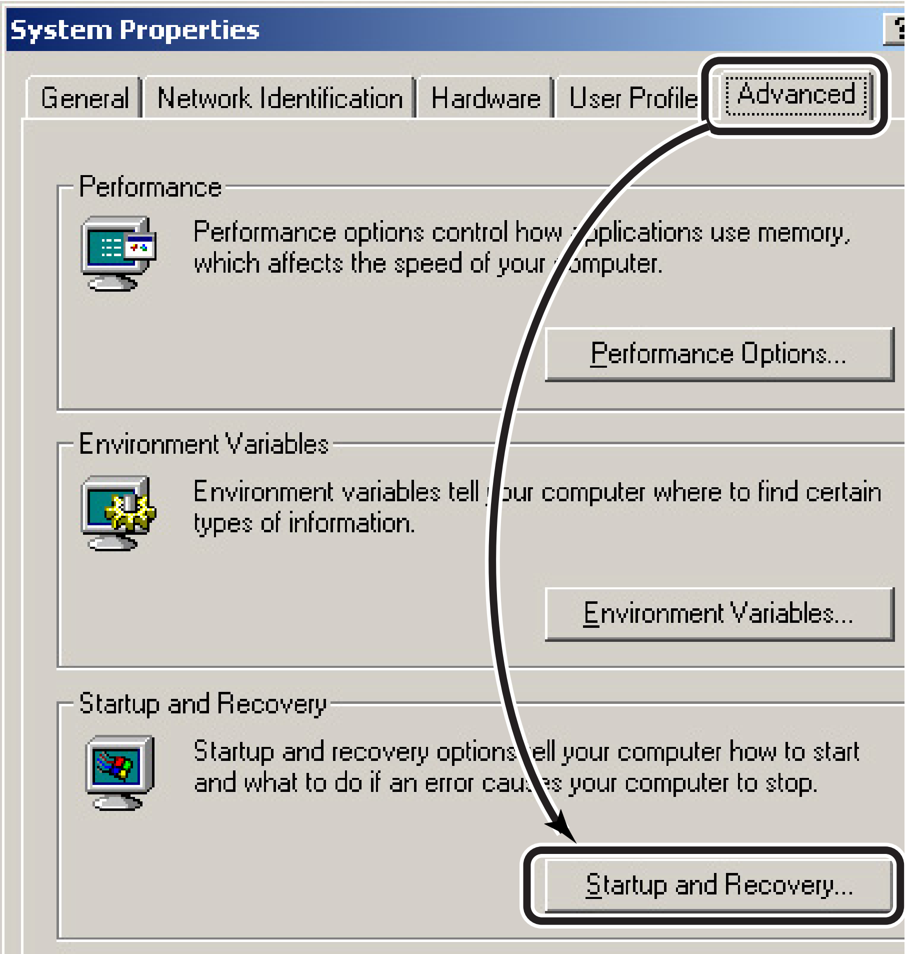
1. **Click Start, point to “Settings”, and click “Control Panel”.**

➔ The Control Panel opens.

2. **Double-click System.**

➔ The “System Properties” window opens.

3. **Click the “Advanced” tab and then click Startup and Recovery... .**



System Properties

General | Network Identification | Hardware | User Profile | Advanced

Performance

Performance options control how applications use memory, which affects the speed of your computer.

Performance Options...

Environment Variables

Environment variables tell your computer where to find certain types of information.

Environment Variables...

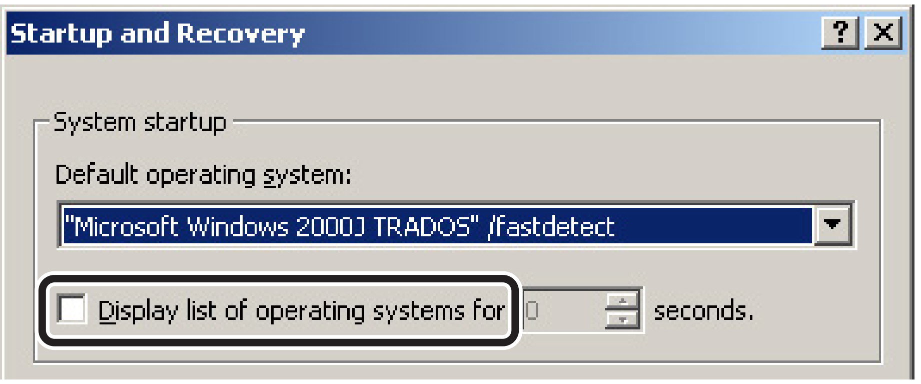
Startup and Recovery

Startup and recovery options tell your computer how to start and what to do if an error causes your computer to stop.

Startup and Recovery...

00000124.EPS

4. **Uncheck ☐ Display list of operating systems.**



Startup and Recovery

System startup

Default operating system:

"Microsoft Windows 2000J TRADOS" /fastdetect

☐ Display list of operating systems for 0 seconds.

00000125.EPS

5. **Click OK.**

➔ You are returned to the “System Properties” window.

6. **Click OK.**

➔ The system returns to the desktop screen.

■ Procedure for avoiding a password input prompt when exiting the suspend mode

By default, the PC prompts for password input when you attempt to exit the suspend mode. Since it is conceivable that the user may inadvertently press the Suspend button on the keyboard, perform the following procedure as needed.

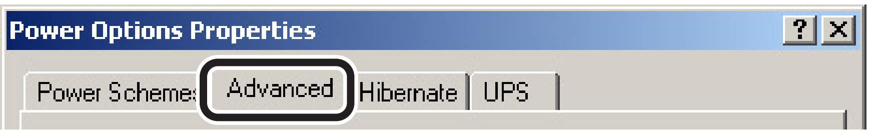
1. From the Start menu, point to "Settings", and then click "Control Panel".

➔ The Control Panel opens.

2. Double-click Power Options.

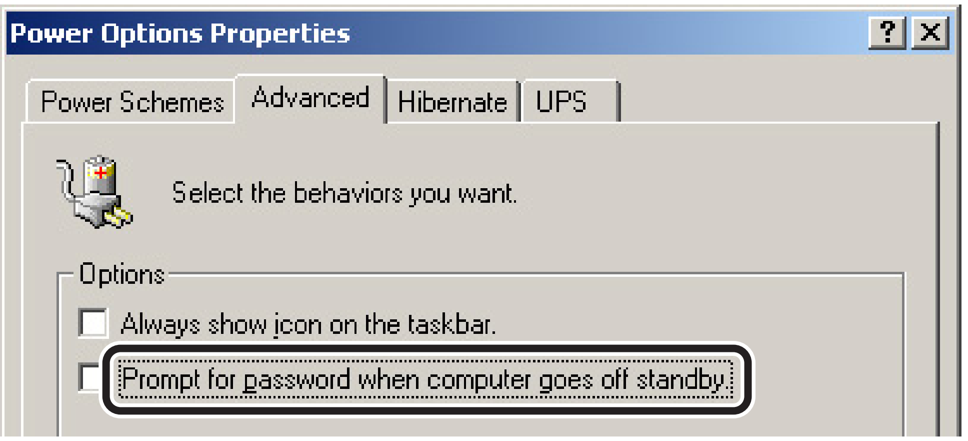
➔ The "Power Options Properties" window opens.

3. Click the "Advanced" tab.


Power Options Properties
Power Schemes
Advanced
Hibernate
UPS

RI000084.EPS

4. Uncheck ☐ Prompt for password when computer goes off standby (☑ ➔ ☐).


Power Options Properties
Power Schemes
Advanced
Hibernate
UPS

Select the behaviors you want.

Options

☐ Always show icon on the taskbar.

☐ Prompt for password when computer goes off standby.

RI000083.EPS

5. Click OK and then close the Control Panel.

➔ The system returns to the desktop screen.

■ Defining the character to be used as a decimal point

Select "." (period) as the character to be used as a decimal point. If anything other than a period is selected, an error occurs when you select an image distribution destination with the QA function.

1. From the Start menu, point to "Settings", and then click "Control Panel".

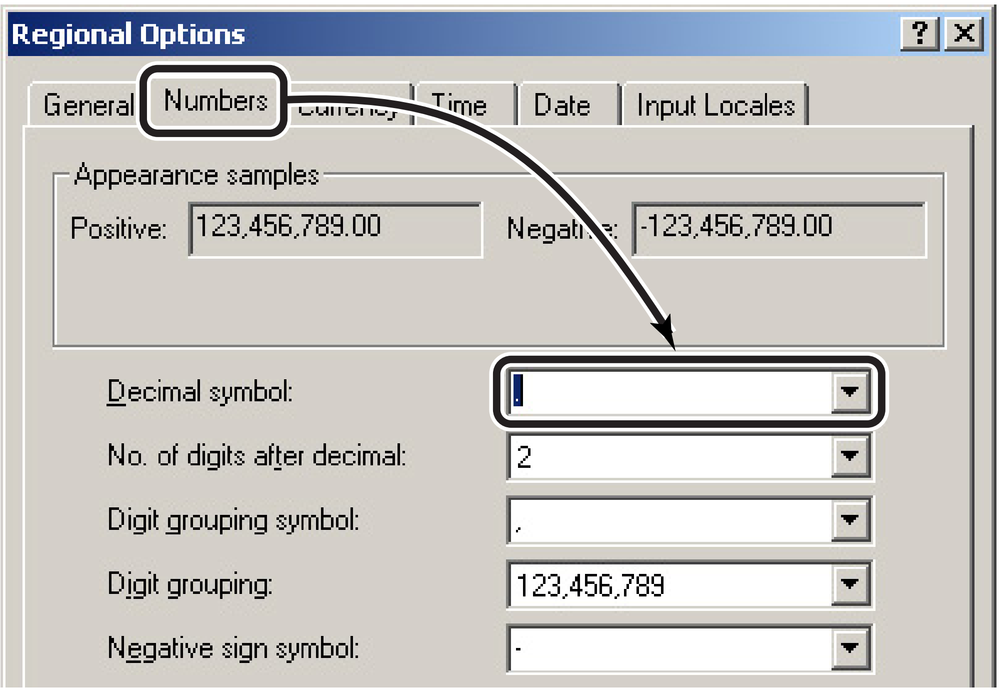
➔ The Control Panel opens.

2. Double-click Regional Options.

➔ The "Regional Options" window opens.

3. Click the "Numbers" tab and then select "." (period) for the "Decimal symbol" field.

If, as a result of the above selection, the same symbol is selected for the "Digit grouping symbol" field and "Decimal symbol" field, change the symbol for the "Digit grouping symbol" field.


Regional Options
General
Numbers
Currency
Time
Date
Input Locales
Appearance samples

Positive: 123,456,789.00 Negative: -123,456,789.00

Decimal symbol:

No. of digits after decimal: 2

Digit grouping symbol: ,

Digit grouping: 123,456,789

Negative sign symbol: -

RI000101.EPS

4. Click OK and then close the Control Panel.

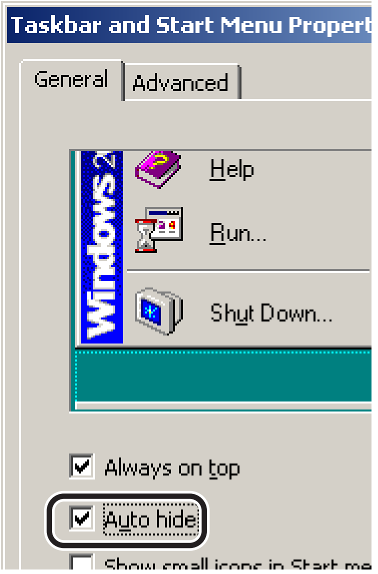
➔ The system returns to the desktop screen.

■ Setting the taskbar

Change the setting so that the Windows taskbar is hidden automatically.

1. **Right-click the mouse on the taskbar to select "Properties".**
   ➔ The "Taskbar and Start Menu Properties" window opens.

2. **Place a checkmark to ☑ Auto hide (☐ ➔ ☑).**


Taskbar and Start Menu Propert
General
Advanced
Windows 2
Help
Run...
Shut Down...

☑ Always on top
☑ Auto hide
☐ Show small icons in Start me

RI0000362.EPS

3. **Click OK and close the "Taskbar and Start Menu Properties" window.**

2.2 Installing and Setting Windows XP

2.2.1 Installing and Setting Windows XP

This section describes how to install Windows XP.

The OS is to be installed in the following situations:

- After HDD replacement
- After an error occurrence in the OS

Items to be readied for OS installation

- Windows XP installation CD
  (Dell Product Recovery CD (Windows XP) contained in the PC box.)
- Dell Resource CD
  (A CD that stores various drivers.)
- Product key
  (Indicated on the right-hand side cover of the PC main unit.)

➤ *IMPORTANT*

- *Before formatting the HDD, make backup copy of image data, if any, as required by the user.*
- *Make backup copy of config data (CL-Config, RU-Config) that stores various CL and RU settings, ahead of time.*
- *Use the User Utility function to back up user setup information items (place checkmarks to all items).*

◆ *NOTES* ◆

- *OS installation procedures are described herein using a Dell Optiplex GX60 PC model.*
  If other PC models are actually used, see the User Manual that comes with the PC.
- *If the PC is not connected via the network, the network setup windows will not be displayed while the OS is being installed. To perform network settings, be sure to connect the PC to the network (connection to the RU) accordingly before installation work.*
- *When HDD of a recommended PC model is replaced, check setup details ahead of time because the HDD may not be operated unless the PC's BIOS settings are changed accordingly.*
- *Driver software installation may be required while Windows XP is being installed. In such an instance, use the Dell Resource CD to install it.*

■ Removing the boards and peripheral devices

1. **Remove the PEI or PSI board if it is mounted on the PCI slots.**

   ☞ **For how to remove the board, see "Appendix C Removing/Reinstalling the Board (PEI/PSI)".**

2. **Disconnect all peripheral devices, such as barcode reader and magnetic card reader, from the USB ports.**

◆ *NOTES* ◆

- *When the OS was installed with the PEI/PSI board mounted on the PCI slots, make sure to delete the ? Other devices file using Device Manager upon completion of OS installation.*

☞ ***"■ Checking the PEI01A board device driver" in "3.2 Typical Procedure for Achieving Recovery from an LP (Local Printer) Printout Generation Failure" under "MT: Machine Troubleshooting"***

- *If you perform the OS installation procedure while the peripheral devices are connected to the USB ports, improper drivers will be installed as is the case with the PEI or PSI board.*

■ Network connection between the CL and the RU/IR

Unless the PC is network-connected properly in advance, the network setup windows will not be displayed while the OS is being installed, depending on the Windows XP installer specifications.

1. **Use a crossing cable to connect the CL to the RU/IR or use a network cable to connect the CL to the HUB for network connection via the HUB.**

2. **Turn ON the power to the RU/IR.**
   For network connection via the HUB, the power can be left turned OFF.

■ Collecting the computer-related information

1. **Turn ON the monitor and PC power switches.**
   ➔ The PC starts running.

2. **Press the <F2> key when “F2 SETUP” appears at the upper right corner of the window.**

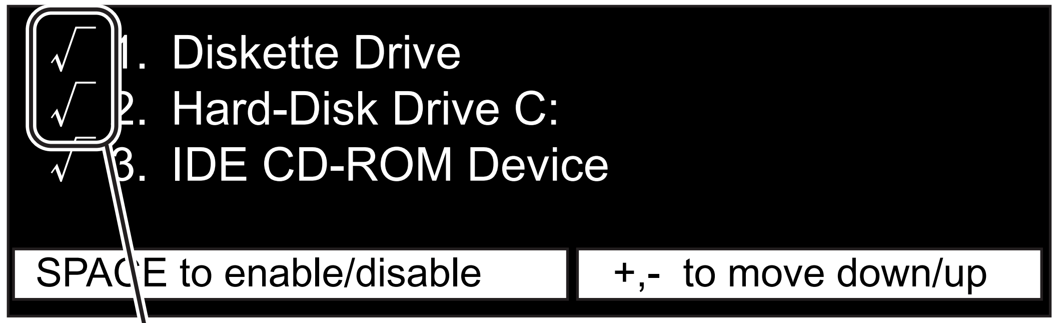
   ◆ NOTE ◆

   If the <F2> key is not pressed with the timeliness, the setup window will not open.
   In such an instance, restart the PC to perform step 2. above again.

   ➔ The setup window opens.

3. **Select “Boot Sequence” and press the <Enter> key.**
   ➔ A dialog opens prompting you to select a startup drive.

4. **Remove checkmarks from “Diskette Drive” and “Hard-Disk Drive C:”. (Uncheck the “√” marks.)**



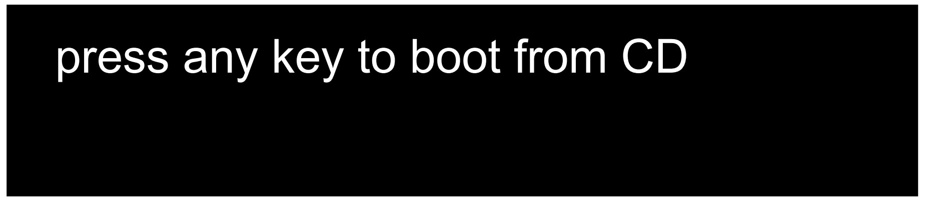
```
√  1. Diskette Drive
√  2. Hard-Disk Drive C:
√  3. IDE CD-ROM Device

SPACE to enable/disable     +,-  to move down/up
```

Remove checkmarks from "Diskette Drive" and "Hard-Disk Drive C:".
Leave "IDE CD-ROM Device" checked as is.

5. **Insert the installation CD-ROM into the CD-ROM drive of the PC.**

6. **Save the setup data and restart the PC.**

➔ After a while, the “Press any key to boot from CD” message appears at the upper left corner of the window.



```
press any key to boot from CD
```

RI000211.EPS

7. **Press the <Enter> key within three seconds.**

◆ NOTE ◆

If you do not press the <Enter> key within about three seconds after the “Press any key to boot from the CD” message appears at the upper left corner of the window, the installation CD will not be recognized accordingly.
If such a failure occurs, restart the PC to perform step 7. again.

➔ In about two minutes, the “Window XP Professional Setup “ window opens.

8. **Press the <Enter> key.**

➔ The “Windows XP License Agreement” window opens.

9. **Press the <F8> key.**

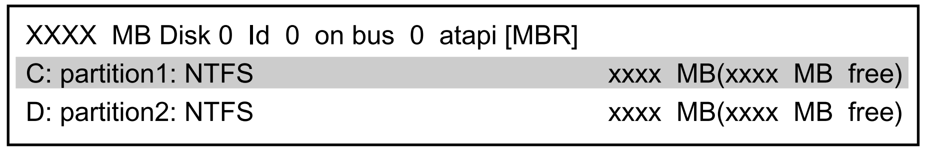
➔ A window opens, where partitions are to be deleted or set up.

■ Deleting/formatting a partition

1. **Select “C: NTFS” (or make sure that “C: NTFS” is selected) and then press the <D> key.**

◆ NOTE ◆

Before deleting a partition, make backup copy of necessary image data stored on the HDD.
If a partition is deleted, the entire data in that partition will be lost.



```
XXXX  MB Disk 0  Id  0  on bus  0  atapi [MBR]
C: partition1: NTFS                               xxxx  MB(xxxx  MB  free)
D: partition2: NTFS                               xxxx  MB(xxxx  MB  free)
```

RI000212.EPS

◆ NOTE ◆

If “Unknown” partition exists on the window above, press the <L> and then <Enter> keys to delete the partition as well.

➔ The partition deletion confirmation window opens.

2. **Press the <Enter> key.**

◆ NOTE ◆

This window does not open when an attempt is made to format a partition in which no OS is installed.

➔ The partition deletion confirmation window opens again.

3. **Press the <L> key.**

➔ After the completion of partition deletion, the partition creation window opens.

4. **Select "Unpartitioned space" (or make sure that "Unpartitioned space" is selected) and then press the <Enter> key.**

5. **Verify that the "Format the partition using the NTFS file system" option is selected, and then press the <Enter> key.**

   → After formatting the HDD that takes about eight to 20 minutes depending on the HDD capacity, files will be copied from the CD-ROM to the HDD (this takes about five minutes).

   → The PC restarts.

6. **Press the <F2> key when "F2 SETUP" appears at the upper right corner of the window.**

   ◆ ***NOTE*** ◆

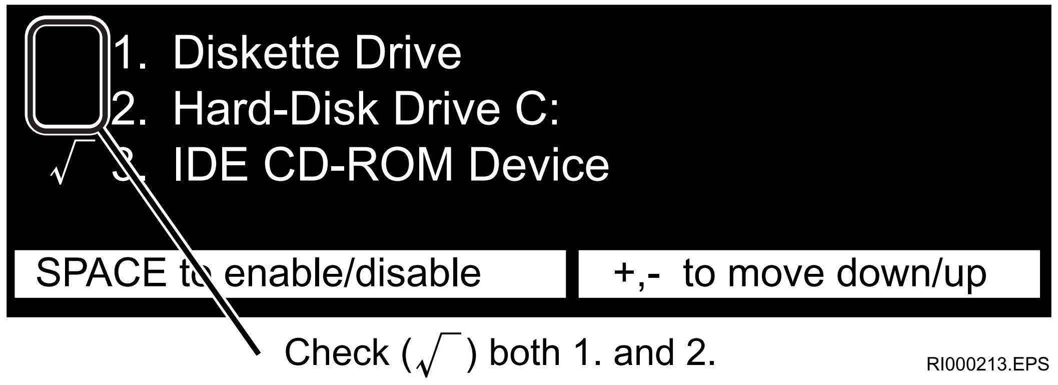
   If you fail to press the <F2> key, restart the PC, wait until the message "F2 SETUP" appears at the upper right corner of the window, and the press the <F2> key.

   → The setup window opens.

7. **Select "Boot Sequence" and press the <Enter> key.**

   → A dialog opens prompting you to select a startup drive.

8. **Place checkmarks to both "Diskette Drive" and "Hard-Disk Drive C:".**



1. Diskette Drive
2. Hard-Disk Drive C:
√ 3. IDE CD-ROM Device

SPACE to enable/disable +,- to move down/up

Check (√) both 1. and 2.

RI000213.EPS

9. **Save the setup data and restart the PC.**

   → After the installation data has been read from the HDD (this takes about five minutes), "Regional and Language Options" window opens.

■ Performing setup in accordance with the setup wizard

1. **From the "Regional and Language Options" window, click Next >.**

   → The "Software Personal Setup" window opens.

2. **Make entries as follows.**

   ❍ Enter "FUJI PHOTO FILM CO., LTD" in the Name: field.

   ❍ Enter "FUJI PHOTO FILM CO., LTD" in the Organization: field.

3. **Click Next >.**

   → The product key input window opens.

4. **Enter the product key in the Product Key field and then click Next >.**

   ➥ ***REFERENCE***

   The product key is indicated on the right-hand side cover of the PC main unit.

   → A window opens to prompt for computer name and password input.

5. Enter the following settings:

○ Enter a computer name (host name) in the Computer name: field.

The default settings are as follows.

- CR-IR346CL : CLXXXXXXXX
  (use upper-case characters to enter the "CL".
  XXXXXXXX are for the CL serial number.)
- CR-IR348CL : CRXXXXXXXX (Lite)
  (use upper-case characters to enter the "CR".
  XXXXXXXX are for the CR serial number.)
- CR-IR348CL : CPXXXXXXXX (Plus)
  (use upper-case characters to enter the "CP".
  XXXXXXXX are for the CR serial number.)

◆ *NOTES* ◆

- *Enter the host name that was noted down before the start of OS installation.*
- *Even if you enter lower-case characters, their upper-case equivalents appear in the* Computer name: *field.*
  Note, however, that the entered lower-case characters will be internally handled as lower-case character data.

○ Enter "fcr-iip" in the Administrator password: field.

○ Enter "fcr-iip" in the Confirm password: field.

➥ *REFERENCE*

The character string entries in the [Administrator Password:] and [Confirm Password:] fields appear as asterisks (*).

6. Click Next > **.**

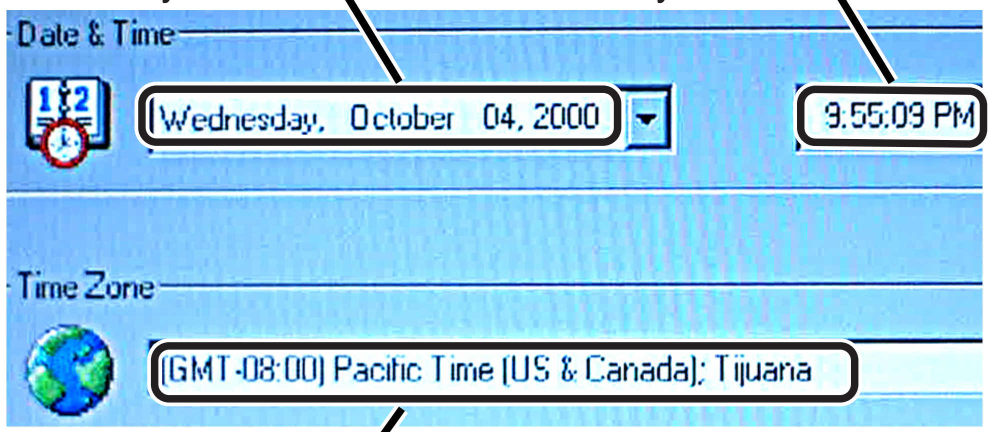
➔ The date/time setup window opens.

7. Verify the date, time, and time zone, and then click Next > **.**

If any wrong setting is encountered, correct it and then click Next > **.**

Verify the date.

Verify the time.



Date & Time

Wednesday, October 04, 2000

9:55:09 PM

Time Zone

(GMT-08:00) Pacific Time (US & Canada); Tijuana

Verify the time zone.

00000320.EPS

➔ The "Network Setup" window opens in several minutes.

■ Setting the network information

◆ NOTES ◆

- *If the PC is not connected to the network, the network setup window does not open.*
- *If the network driver is not installed properly, the network setup window will not be displayed. In such a case, install the network driver and then perform network settings accordingly.*

1. **When a network setup option selection window appears, prompting you to choose between Standard and Custom, choose ○ Custom settings (by changing ○ to ●), and then click Next >.**

➔ The “Network Component Setup” window opens.

2. **Make sure that ☑ Internet Protocol (TCP/IP) is checked. If it is not checked, put a check mark on it (by changing ☐ to ☑).**

3. **Select ☑ Internet Protocol (TCP/IP) (by highlighting it), and then click Properties.**

➔ The Internet protocol (TCP/IP) properties window opens.

4. **Choose ○ Use the following IP address: (so that ○ changes to ●).**

➔ “IP Address” and “Subnet Mask” then appear.

➥ REFERENCE

The “IP Address” and “Subnet Mask” fields are now ready to accept your numerical value input.

5. **Enter the following settings:**

❍ Enter an IP address (e.g., 172.16.1.20) in the IP address: field.

❍ Enter a subnet mask (e.g., 255.255.0.0) in the Subnet mask: field.

◆ NOTE ◆

Enter the IP address and subnet mask that were noted down before the start of OS installation.

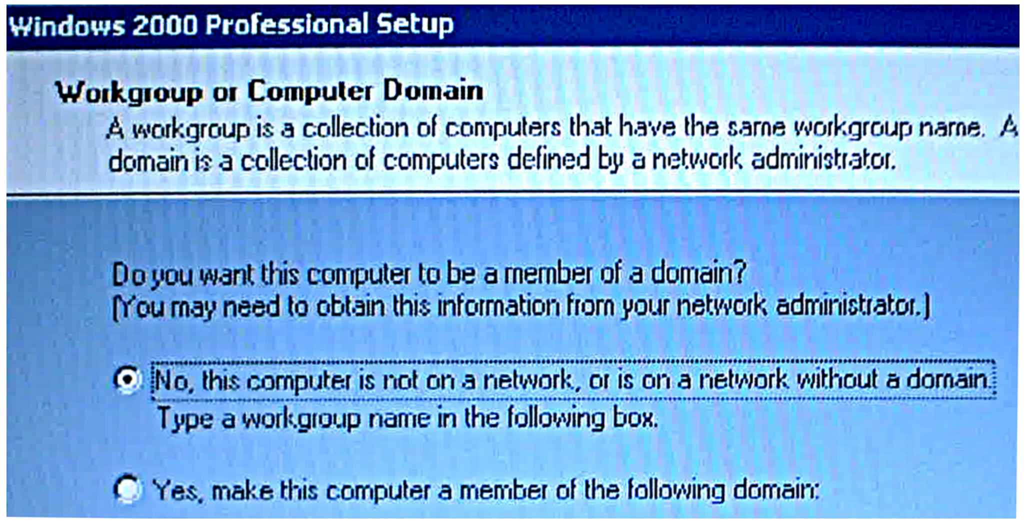
6. **Click OK.**

➔ The system returns then to the “Network Component Setup” window.

7. **Click Next >. It takes a few seconds to display the following window (computer domain setup window).**

➔ After a while, the computer domain setup window opens.

8. **Verify that the ● No, this computer is not on a network, or is on a network without a domain. radio button is selected (set to ●), and then click Next >.**



Windows 2000 Professional Setup

Workgroup or Computer Domain

A workgroup is a collection of computers that have the same workgroup name. A domain is a collection of computers defined by a network administrator.

Do you want this computer to be a member of a domain?
(You may need to obtain this information from your network administrator.)

● No, this computer is not on a network, or is on a network without a domain.
Type a workgroup name in the following box.

○ Yes, make this computer a member of the following domain:

00000345.EPS

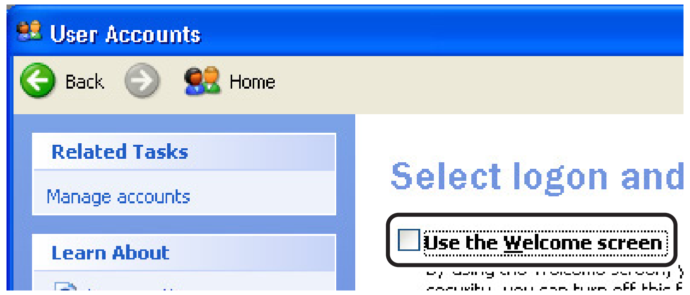
➥ REFERENCE

Do not let the CL become a domain member.

➔ The “Welcome to Windows” window opens in about 15 minutes.

■ Setting the user account

1. **Click [Next] on the "Welcome to Windows" screen that opens.**
   ➔ A window opens where how to establish connection to the internet is to be specified.
2. **Click "Skip".**
   ➔ A window opens where user registration to Microsoft is to be made.
3. **Select "No" and click [Next].**
   ➔ A window opens where the computer user is to be determined.
4. **Enter any user name other than "Administrator" ("iip", for instance), and click [Next].**
   ➔ A window opens to indicate completion of setup processing.
5. **Click [Finish].**
   ➔ After a while, the Windows desktop opens.
6. **Select "Control Panel" from the [start] menu.**
   ➔ The "Control Panel" window opens.
7. **Select [User Accounts].**
   ➔ The "User Accounts" window opens.
8. **Select [Change the way users log on or off].**
   ➔ A window opens where the logon or logoff option is to be selected.
9. **Remove the checkmark from ☑ Use the Welcome screen (☑ ➔ ☐) and click [Apply Options].**



   ➔ The system returns to the "User Accounts" window.

10. **Select "iip" from the user account names.**
    ➔ The user account setup change window opens.
11. **Select "Create Password".**
    ➔ The password creation window opens.
12. **Perform the following entries:**
    - ❍ Type a new password: ●●●●●●● : Enter "fcr-iip".
    - ❍ Type the new password again to confirm: ●●●●●●● : Enter "fcr-iip".

➥ ***REFERENCE***

The character string entries in the [Type a new password:] and [Type the new password again to confirm:] fields appear as "●".

13. **Click [Create Password].**
    ➔ A window for file and/or folder settings will open.
14. **Click [No].**
    ➔ The system returns to the "User Accounts" window.
15. **Close both the "User Accounts" and "Control Panel" windows.**
16. **Select "Logoff" from the [start] menu and then click "Logoff" on the window that will open.**
    ➔ The "iip" account logs off, showing then the logon window.
17. **Enter "Administrator" as the user name and "fcr-iip" as the password. Click then [OK].**
    ➔ The Window desktop opens.

2.2.2 Installing the Driver Software

For driver software installation, use the utility software on Dell ResourceCD. To do this, you must first install the utility software on the PC for the CL.

➥ REFERENCE

To determine what driver software needs to be installed, you can use Device Manager. To open Device Manager, perform the following steps:

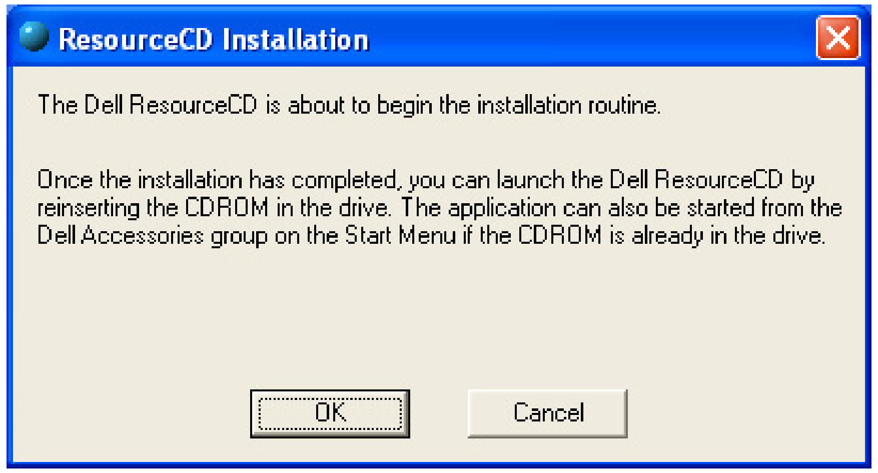
1. *Right-click "My Computer" from the* start *menu and select "Properties" from the pull-down menu that opens.*
   ➔ The [System Properties] window opens.
2. *Click the [Hardware] tab.*
3. *Click [Device Manager].*
   ➔ Device Manager opens.

The software for items marked "?" in Device Manager is not installed. Install the driver software for such items.

■ Installing the Dell Resource CD utility software

1. **Insert Dell ResourceCD, which is supplied with the PC, into the CD-ROM drive.**

2. **When the following window automatically opens, click** OK**.**



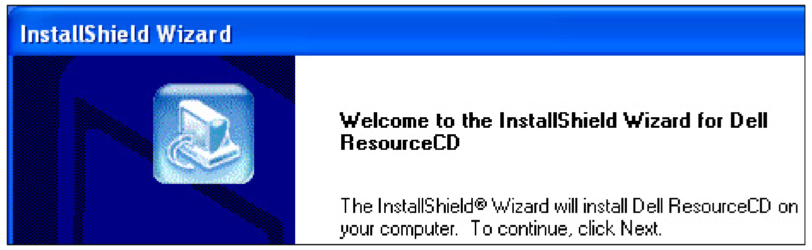
ResourceCD Installation

The Dell ResourceCD is about to begin the installation routine.

Once the installation has completed, you can launch the Dell ResourceCD by reinserting the CDROM in the drive. The application can also be started from the Dell Accessories group on the Start Menu if the CDROM is already in the drive.

RI000214.EPS

➔ A new window opens to indicate that the installation wizard is started.



InstallShield Wizard

Welcome to the InstallShield Wizard for Dell ResourceCD

The InstallShield® Wizard will install Dell ResourceCD on your computer. To continue, click Next.

RI000215.EPS

3. **Click** Next > **.**

➔ The installation processing starts.
After a while, the "InstallShield Wizard Complete" window opens..

4. **Click** Finish **.**

➔ A utility program starts to display the initial screen.

5. **Place checkmark to "Click here to prevent this information from being displayed again" (☐ ➔ ☑) and close the window.**

➥ REFERENCE

Depending on the version of the Dell Resource CD utility software, the PC needs not to be restarted.

■ Installing the driver software

Install software for the following drivers.
However, do not install the network driver during this procedure and do it during "■ Installing the network driver software".

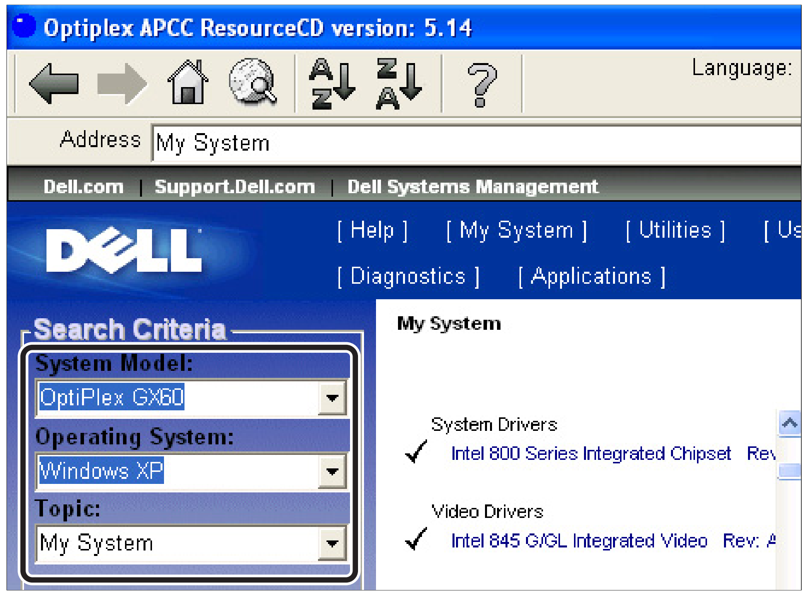
- Video driver
- System driver
- Network driver
- Audio driver

◆ NOTE ◆

Since the drivers to be installed vary with the employed PC model and utility CD-ROM version, confirm the correct drivers by calling Dell Technical Support or visiting associated home page.

1. **From the [Start] menu, sequentially select [Programs], [Dell Accessories] and then [Dell Resource CD].**

   ➔ The Dell Resource CD utility software starts running, selecting automatically "System Model", "Operating System" and then "Topic".


Optiplex APCC ResourceCD version: 5.14
Language:
Address
Dell.com | Support.Dell.com | Dell Systems Management
DELL
[Help] [My System] [Utilities] [Us
[Diagnostics] [Applications]
Search Criteria

Address: My System

System Model: OptiPlex GX60

Operating System: Windows XP

Topic: My System

My System

System Drivers
✓ Intel 800 Series Integrated Chipset Rev

Video Drivers
✓ Intel 845 G/GL Integrated Video Rev: A

RI000216.EPS

2. **In the "Video" area, click name of a driver to be used.**

   ➔ "WinZip Self-Extractor" appears.

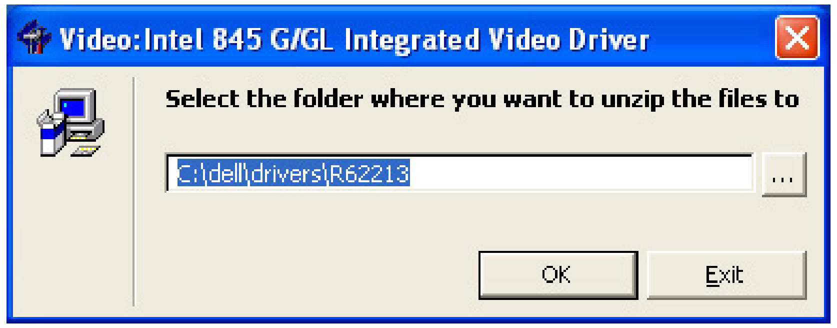
3. **Scroll the display and click Extract.**

   ➔ A driver-related window opens.

4. **Click Continue.**

   ➔ A window opens to prompt you to confirm a destination targeted for decompressing the video driver.

5. **Click OK.**


Video:Intel 845 G/GL Integrated Video Driver
...
OK
Exit

Select the folder where you want to unzip the files to

C:\dell\drivers\R62213

RI000217.EPS

   ➔ A window opens to prompt you to confirm the folder where the file is to be decompressed.

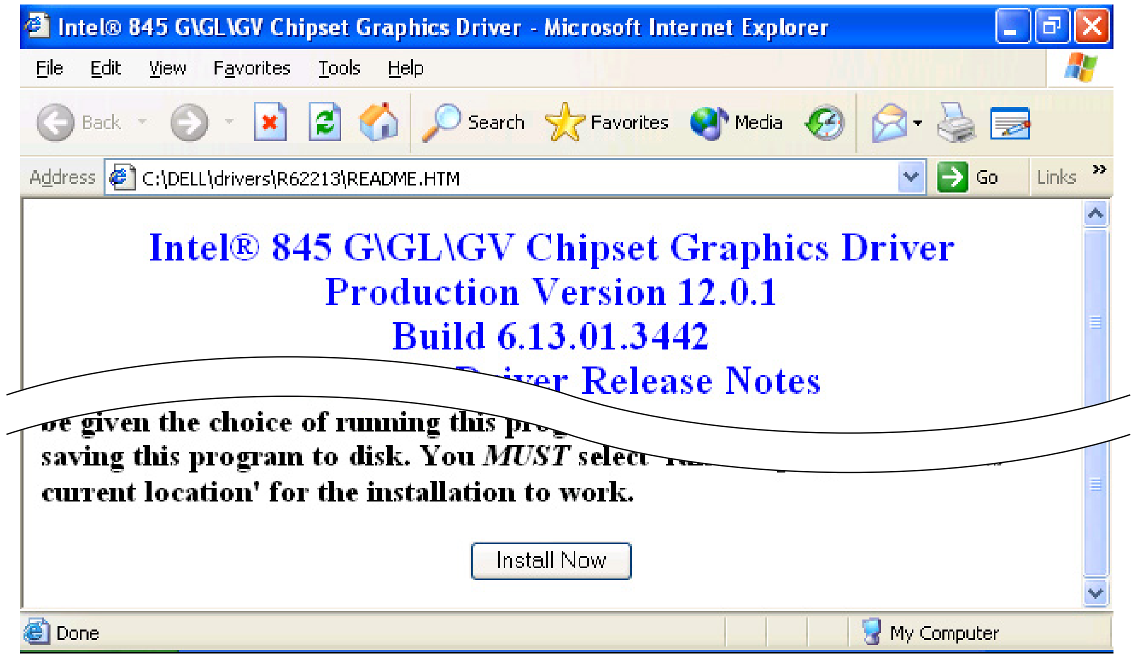
6. **Click Yes.**

   ➔ A window opens to indicate that decompressing processing is completed.

7. **Click OK.**

   ➔ The Readme file opens.

8. **Scroll the screen downward until you reach its bottom, and then click Install Now.**


Intel® 845 G\GL\GV Chipset Graphics Driver - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
C:\DELL\drivers\R62213\README.HTM
Go
Links
Install Now
Done
My Computer

Intel® 845 G\GL\GV Chipset Graphics Driver
Production Version 12.0.1
Build 6.13.01.3442
iver Release Notes

be given the choice of running this pro
saving this program to disk. You *MUST* select
current location' for the installation to work.

RI000218.EPS

➔ The “File Download” window opens.

9. **Click Open.**

➔ The “Setup” window opens.

10. **Click Next >.**

➔ The “Software License Agreement” window opens.

11. **Click Yes.**

➔ The Readme information window opens.

12. **Click Next >.**

➔ The installation wizard completion window opens.

13. **Select “Yes, I want to restart my computer now.” and click Finish.**

➔ The PC restarts.

14. **Enter “Administrator” as the user name and “fcr-iip” as the password. Click then OK.**

➔ The Window desktop opens.

15. **Install other driver software programs using the same procedure described in steps 1. through 14.**

■ Installing the network driver software

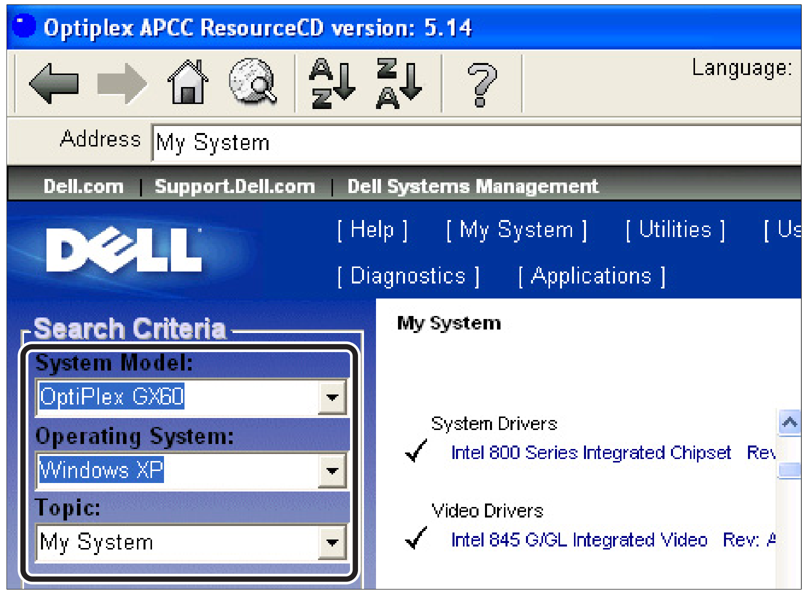
Install the network driver as follows.
Described herein is the procedure used to install “Intel 10/100 LOM” in the network driver.

◆ NOTE ◆

Since the drivers to be installed vary with the employed PC model and utility CD-ROM version, confirm the correct drivers by calling Dell Technical Support or visiting associated home page.

1. **From the [Start] menu, sequentially select [Programs], [Dell Accessories] and then [Dell Resource CD].**

   ➔ The Dell Resource CD utility software starts running, selecting automatically “System Model”, “Operating System” and then “Topic”.



Optiplex APCC ResourceCD version: 5.14

Address: My System

Search Criteria
System Model: OptiPlex GX60
Operating System: Windows XP
Topic: My System

My System

System Drivers
✓ Intel 800 Series Integrated Chipset Rev

Video Drivers
✓ Intel 845 G/GL Integrated Video Rev: A

Language:
Dell.com | Support.Dell.com | Dell Systems Management
DELL
[Help] [My System] [Utilities] [Us
[Diagnostics] [Applications]

RI000216.EPS

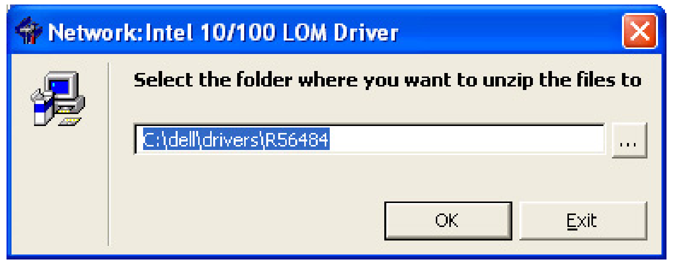
2. **In the “Network (NIC) Drivers” area, click name of a driver to be used.**

   ➔ A driver-related window opens.

3. **Click Continue.**

   ➔ A window opens to prompt you to confirm a destination targeted for decompressing the network driver.

4. **Click OK.**



Network:Intel 10/100 LOM Driver

Select the folder where you want to unzip the files to

C:\dell\drivers\R56484

RI0000372.EPS

   ➔ A window opens to prompt you to confirm the folder where the file is to be decompressed.

5. **Click Yes.**

   ➔ A window opens to indicate that decompressing processing is completed.

6. **Click OK.**

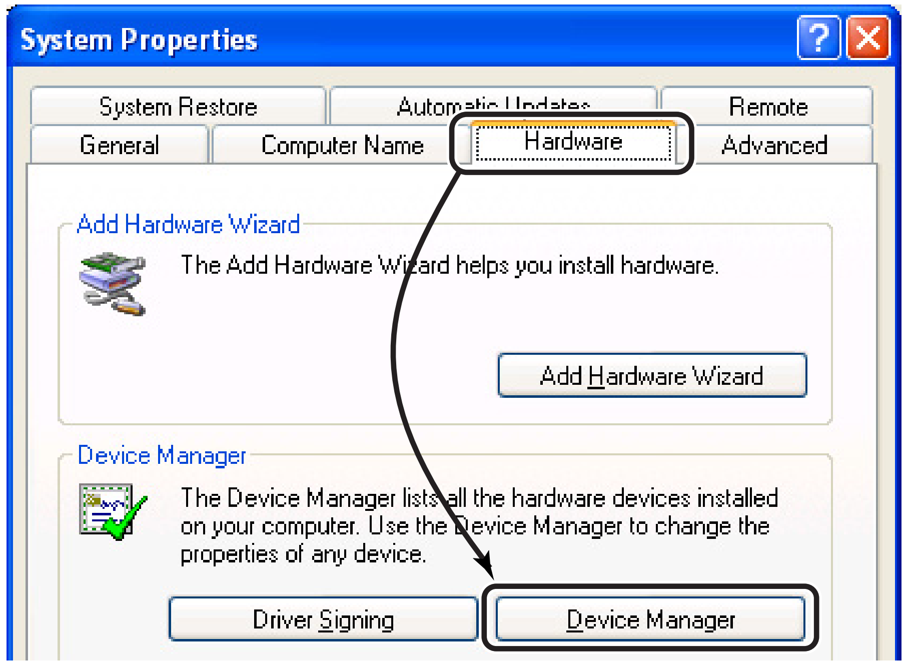
   ➔ The Readme file opens.

7. **Close the Readme file.**

8. **Right-click “My Computer” from the start menu to select “Properties”.**

   ➔ The “System Properties” window opens.

9. **Click the “Hardware” tab and then the Device Manager tab.**


System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Add Hardware Wizard
Add Hardware Wizard
Device Manager
Driver Signing
Device Manager

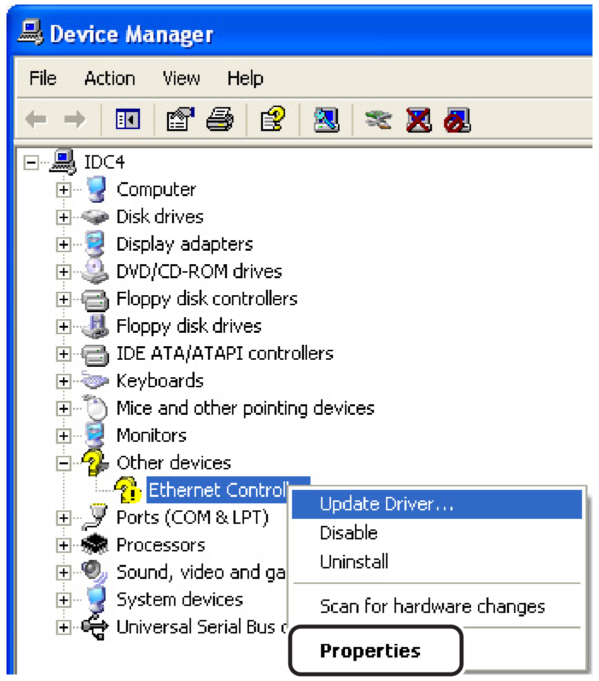
The Add Hardware Wizard helps you install hardware.

The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.

RI0000373.EPS

➔ The “Device Manager” window opens.

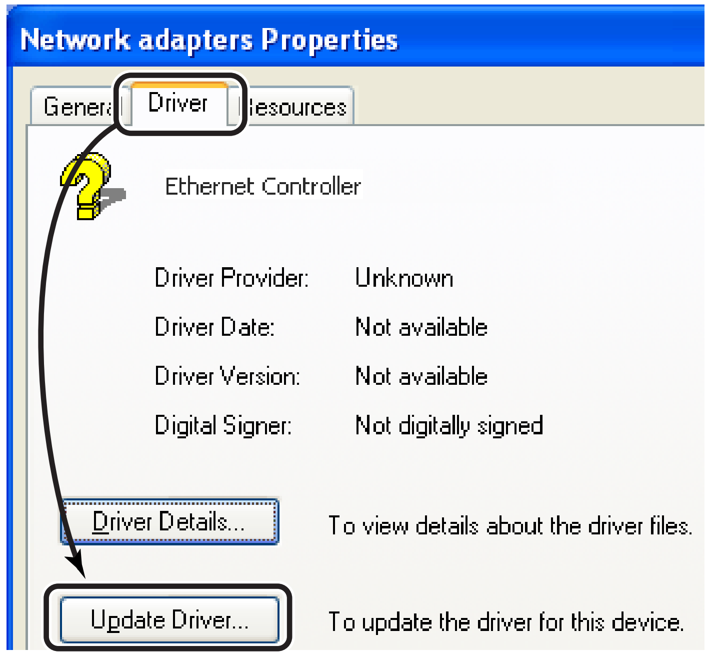
10. **Right-click “Ethernet Controller” from “Other devices” to select “Properties”**


Device Manager
File
Action
View
Help
IDC4
Computer
Disk drives
Display adapters
DVD/CD-ROM drives
Floppy disk controllers
Floppy disk drives
IDE ATA/ATAPI controllers
Keyboards
Mice and other pointing devices
Monitors
Other devices
Ethernet Controll
Ports (COM & LPT)
Processors
Sound, video and ga
System devices
Universal Serial Bus c
Update Driver…
Disable
Uninstall
Scan for hardware changes
Properties

RI0000374.EPS

➔ The “Network Adapters Properties” window opens.

11. **Click the “Driver” tab and then Update Driver... .**


Network adapters Properties
Genera
Driver
esources
Ethernet Controller
Driver Details...
Update Driver...

Driver Provider: Unknown

Driver Date: Not available

Driver Version: Not available

Digital Signer: Not digitally signed

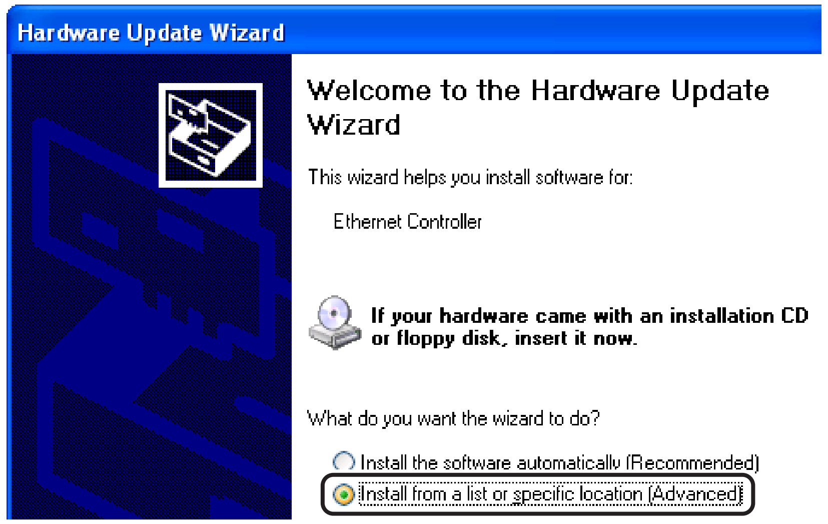
To view details about the driver files.

To update the driver for this device.

RI0000375.EPS

➔ The “Hardware Update Wizard” window opens.

12. **Select “Install from a list or specific location [Advanced]” and click Next > .**


Hardware Update Wizard

Welcome to the Hardware Update Wizard

This wizard helps you install software for:

Ethernet Controller

If your hardware came with an installation CD or floppy disk, insert it now.

What do you want the wizard to do?

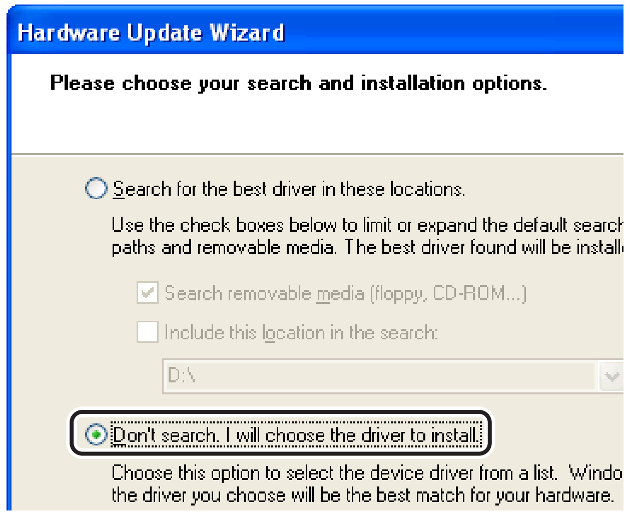
○ Install the software automatically (Recommended)

● Install from a list or specific location (Advanced)

RI0000376.EPS

➔ A window opens where search and installation options are to be selected.

13. Select “Don’t search. I wil choose the driver to install.” and click Next >.



Hardware Update Wizard

Please choose your search and installation options.

○ Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search paths and removable media. The best driver found will be install

☑ Search removable media (floppy, CD-ROM...)

☐ Include this location in the search:

D:\

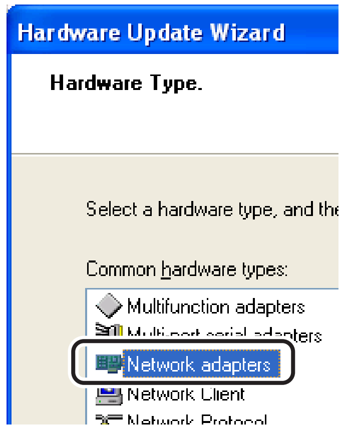
● Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windo the driver you choose will be the best match for your hardware.

RI0000377.EPS

➔ A hardware type selection window opens.

14. Select “Network adapters” and click Next >.



Hardware Update Wizard

Hardware Type.

Select a hardware type, and the

Common hardware types:

Multifunction adapters

Multi-port serial adapters

Network adapters

Network Client

Network Protocol

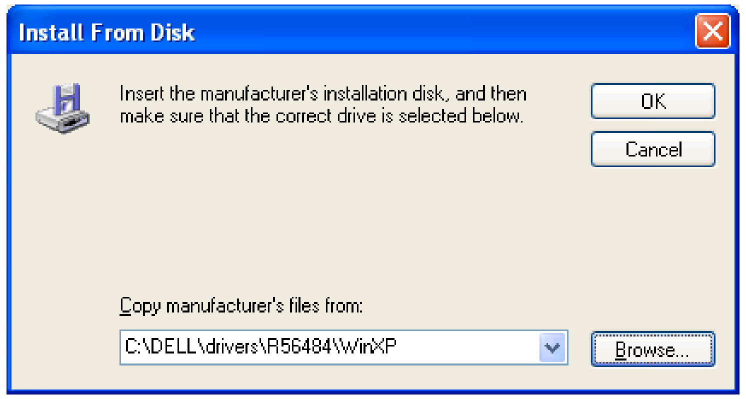
RI0000378.EPS

➔ The network adapter selection window opens.

15. Click Have Disk... .

➔ The “Install From Disk” window opens.

16. Click “Browse” and select “C:\DELL\drivers\R56484\WinXP”.



Install From Disk

Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.

OK

Cancel

Copy manufacturer's files from:

C:\DELL\drivers\R56484\WinXP

Browse...

RI0000379.EPS

17. Click OK.

➔ The network adapter selection window opens.

18. Click Next >.

➔ A window opens to indicate completion of the “Hardware Update Wizard”.

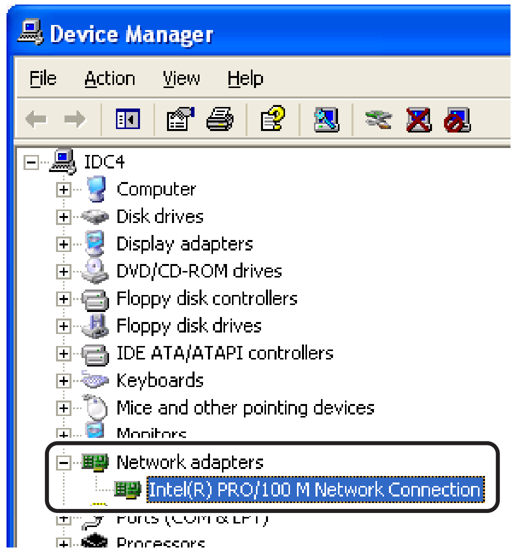
19. Click Finish.

➔ The “Intel(R) PRO/100 M Network Connection Properties” window opens.

20. Click Close.

➔ The “Device Manager” window opens.

21. Make sure that the network driver has been installed properly and close the “Device Manager” window.



Device Manager

File Action View Help

IDC4
- Computer
- Disk drives
- Display adapters
- DVD/CD-ROM drives
- Floppy disk controllers
- Floppy disk drives
- IDE ATA/ATAPI controllers
- Keyboards
- Mice and other pointing devices
- Monitors
- Network adapters
  - Intel(R) PRO/100 M Network Connection
- Ports (COM & LPT)
- Processors

RI0000380.EPS

2.2.3 Setting the OS

Perform the following OS-related settings.

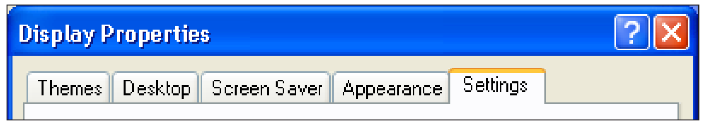
- The number of colors (“Colors”) and monitor resolution (“Screen area“)
- Refresh frequency
- Modification of the OS selection menu
- Procedure for avoiding a password input prompt when exiting the suspend mode (as necessary)
- Defining the character to be used as a decimal point

■ Setting the monitor

1. **Right-click a blank space on the desktop, and then choose “Properties” from the pop-up menu.**

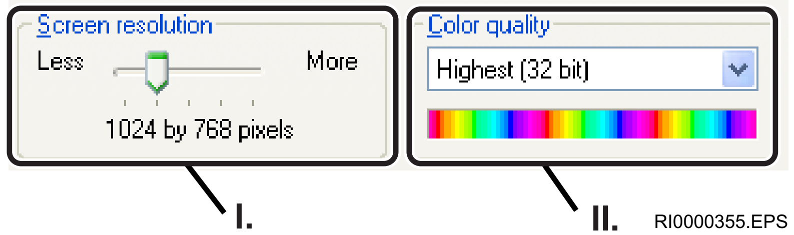
➔ The “Display Properties” window opens.

2. **Click the “Settings” tab.**


Display Properties
Themes
Desktop
Screen Saver
Appearance
Settings

RI0000354.EPS

3. **Complete monitor setup as directed below.**


Screen resolution
Less
More
1024 by 768 pixels
Color quality
Highest (32 bit)
I.
II.

RI0000355.EPS

I. “Screen area” : Choose 1024 × 768 pixels.
II. “Colors” : Choose True Color (24- or 32-bit).

4. **Click Apply.**

➔ The screen area changes and the monitor setting window opens.

5. **Click Yes.**

◆ NOTE ◆

Click immediately. If it is not clicked in 15 seconds, the window returns to the previous status.

■ Setting the refresh frequency

1. **In the “Settings” tab of the “Display Properties” window, click Advanced.**

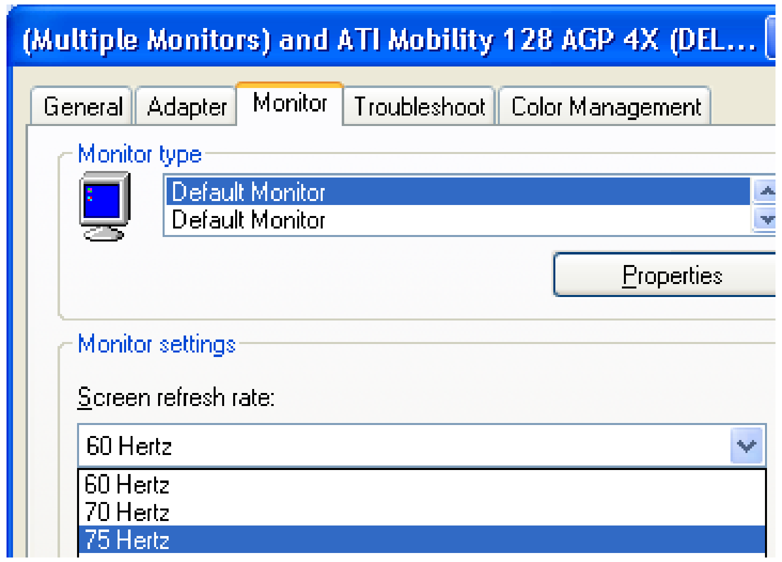
➔ The “Plug-and-Play Monitor and ... Properties” window opens.

2. **Click the “Monitor” tab.**

3. **From the “Screen refresh rate” pull-down menu, choose “75 Hertz”.**

◆ NOTE ◆

If the screen becomes disordered when a setting of 75 Hertz is chosen, change the setting to 70 Hertz.
If the screen becomes disordered even when set to 70 Hertz, change it to 60 Hertz.


(Multiple Monitors) and ATI Mobility 128 AGP 4X (DEL...
General
Adapter
Monitor
Troubleshoot
Color Management
Monitor type
Default Monitor
Default Monitor
Properties
Monitor settings
Screen refresh rate:
60 Hertz
60 Hertz
70 Hertz
75 Hertz

RI000221.EPS

4. **Click Apply.**

➔ The screen area changes and the “Monitor Settings” window opens.

5. **Click Yes.**

◆ ***NOTE*** ◆

Click immediately. If it is not clicked in 15 seconds, the window returns to the previous status.

6. **Click OK to close the “Display Properties” window.**

■ Hiding the OS selection menu

When the OS is installed newly, the OS selection menu opens at OS startup. Therefore, perform the following procedure so that the OS selection menu does not open:

1. **Click start to select “Control Panel”.**

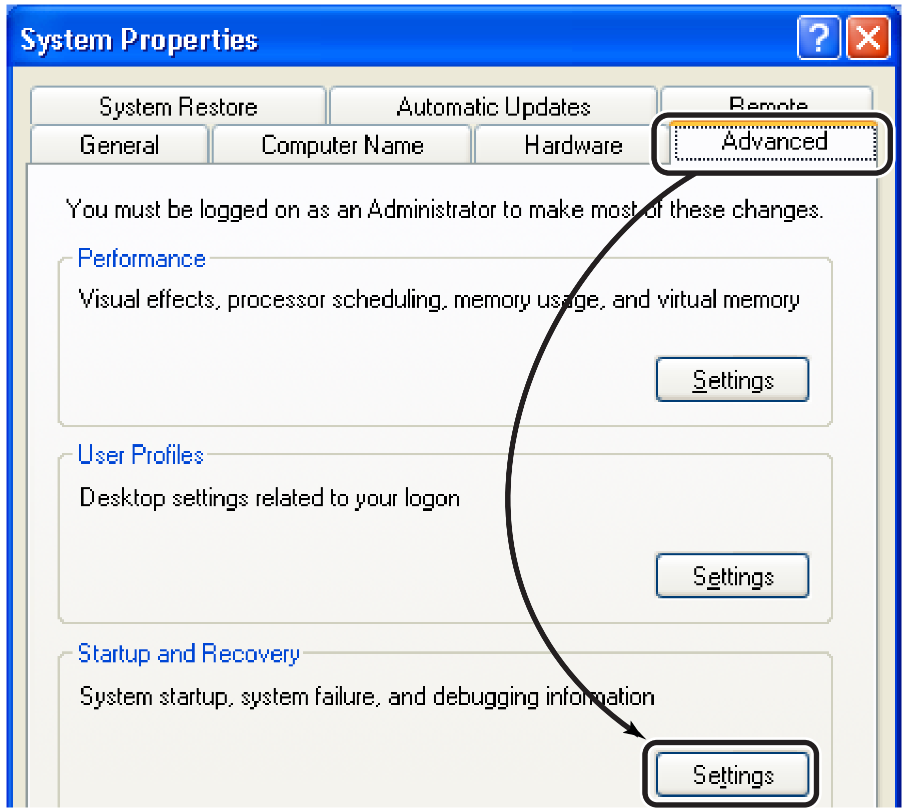
➔ The Control Panel opens.

2. **Select Switch to Classic View.**

3. **Doubl-click System.**

➔ The “System Properties” window opens.

4. **Click the “Advanced” tab and then click Settings.**


System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Performance
Settings
User Profiles
Settings
Startup and Recovery
Settings

You must be logged on as an Administrator to make most of these changes.

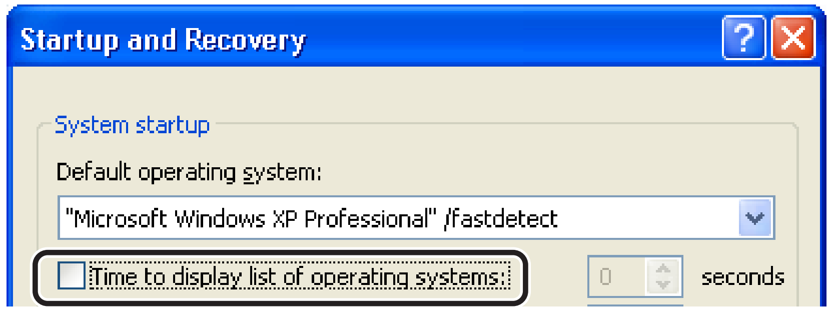
Visual effects, processor scheduling, memory usage, and virtual memory

Desktop settings related to your logon

System startup, system failure, and debugging information

RI0000357.EPS

5. Uncheck ☐ Time to display list of operating systems: (☑ → ☐).


Startup and Recovery
System startup
seconds

Default operating system: "Microsoft Windows XP Professional" /fastdetect

☐ Time to display list of operating systems: 0 seconds

RI000223.EPS

6. Click OK.

➔ The system returns to the “System Properties” window.

7. Click OK.

➔ The system returns to the Control Panel.

8. Close control panel.

➔ The system returns to the desktop.

■ Procedure for avoiding a password input prompt when exiting the suspend mode

By default, the PC prompts for password input when you attempt to exit the suspend mode. Since it is conceivable that the user may inadvertently press the Suspend button on the keyboard, perform the following procedure as needed.

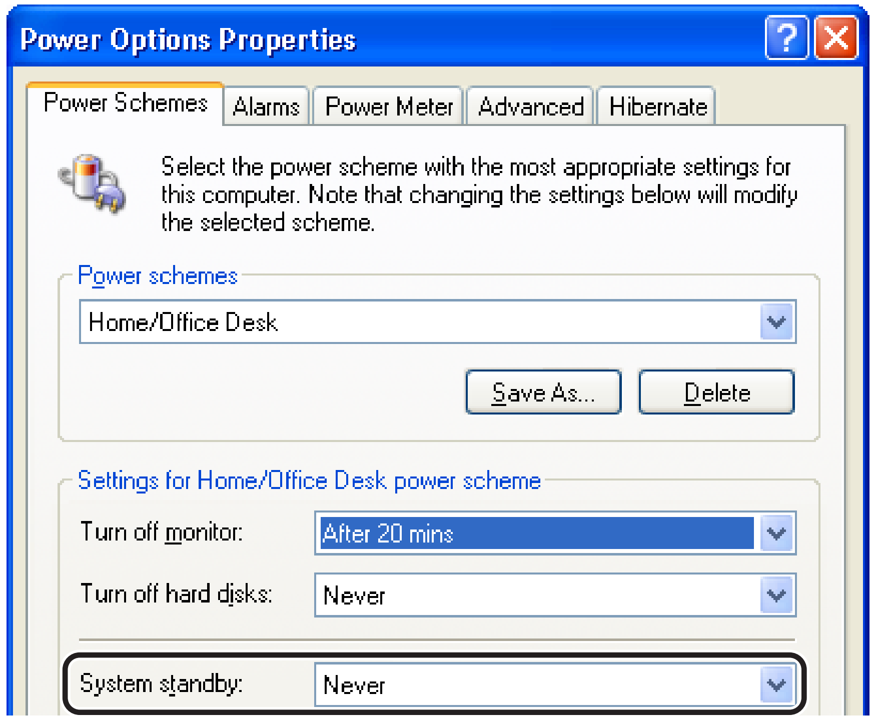
1. From the start menu, click “Control Panel” to select it.

➔ The Control Panel opens.

2. Double-click Power Options.

➔ The “Power Options Properties” window opens.

3. Select “Never” for “System standby”.


Power Options Properties
Power Schemes
Alarms
Power Meter
Advanced
Hibernate
Power schemes
Save As...
Delete

Select the power scheme with the most appropriate settings for this computer. Note that changing the settings below will modify the selected scheme.

Power schemes: Home/Office Desk

Settings for Home/Office Desk power scheme

Turn off monitor: After 20 mins

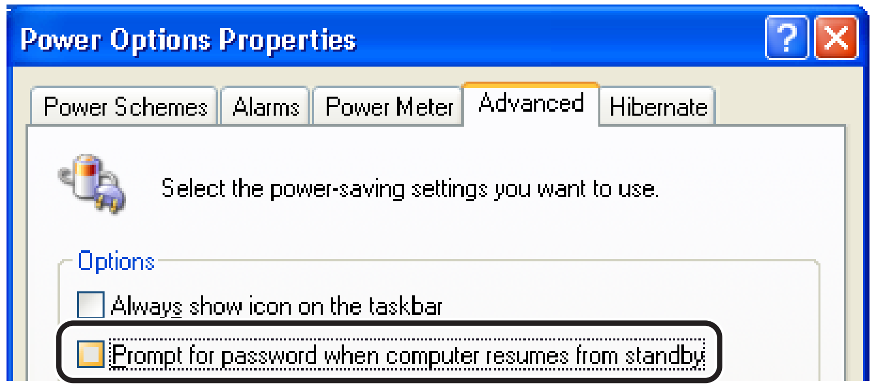
Turn off hard disks: Never

System standby: Never

RI0000363.EPS

4. **Click the “Advanced” tab.**

5. **Uncheck ☐ Prompt for password when computer (☑ → ☐).**


Power Options Properties
Power Schemes
Alarms
Power Meter
Advanced
Hibernate
Options

Select the power-saving settings you want to use.

☐ Always show icon on the taskbar

☐ Prompt for password when computer resumes from standby

RI000225.EPS

6. **Click OK.**

➔ The system returns to the Control Panel.

7. **Close the Control Panel.**

➔ The system returns to the desktop.

■ Defining the character to be used as a decimal point

Select “.” (period) as the character to be used as a decimal point.
If anything other than a period is selected, an error occurs when you select an image distribution destination with the QA function.

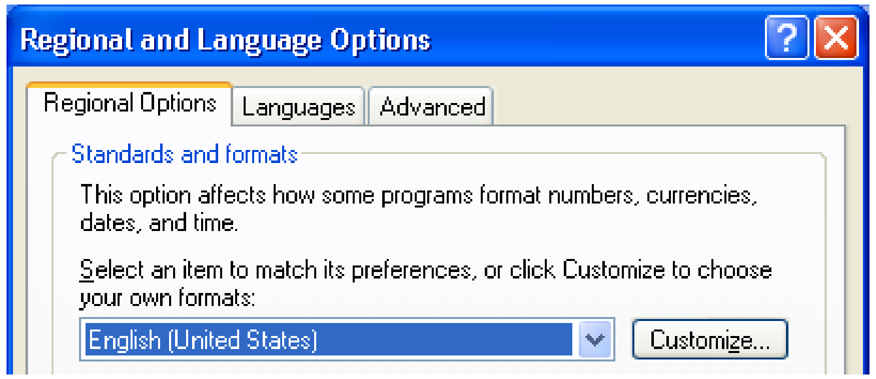
1. **Select “Control Panel” from the start menu.**

➔ The Control Panel opens.

2. **Double-click the Regional and Language ... icon.**

➔ The “Regional and Language Options” window opens.

3. **Make sure that the “Regional and Language Options” tab is selected and click Customize... .**


Regional and Language Options
Regional Options
Languages
Advanced
Standards and formats
Customize...

This option affects how some programs format numbers, currencies, dates, and time.

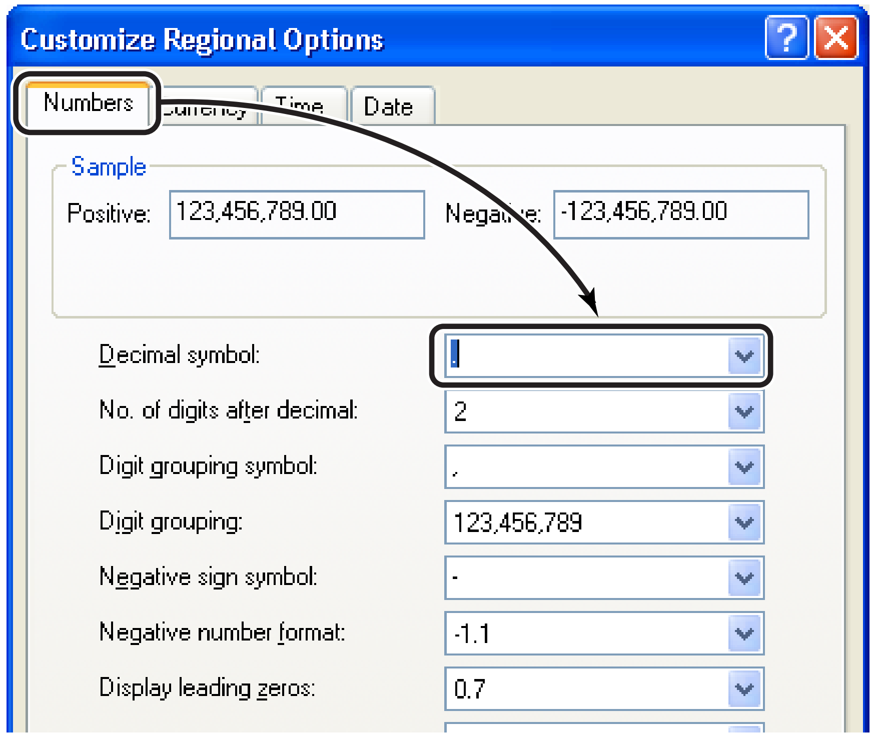
Select an item to match its preferences, or click Customize to choose your own formats:

English (United States)

RI000228.EPS

4. **Click the "Numbers" tab and change the number appearing in the "Decimal symbol" field to "." (period).**

If, as a result of the above selection, the same symbol is selected for the "Digit grouping symbol" and "Decimal symbol" fields, change the symbol for the "Digit grouping symbol" field.


Customize Regional Options
Numbers
Currency
Time
Date
Sample

Positive: 123,456,789.00
Negative: -123,456,789.00

Decimal symbol: .
No. of digits after decimal: 2
Digit grouping symbol: ,
Digit grouping: 123,456,789
Negative sign symbol: -
Negative number format: -1.1
Display leading zeros: 0.7

RI000226.EPS

5. **Click OK.**

➔ The system returns to the Control Panel.

6. **Close the Control Panel.**

➔ The system returns to the desktop.

■ Canceling settings for automatic OS update

Cancel settings for automatic OS (Windows XP) update as follows.

1. **Select "Control Panel" from the start menu.**

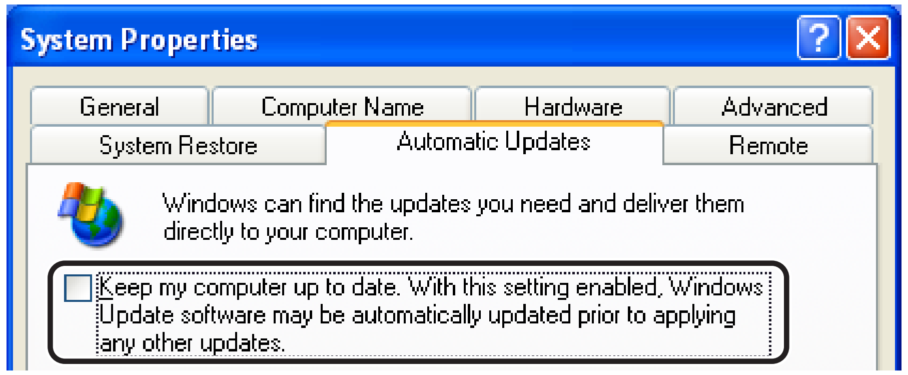
➔ The Control Panel opens.

2. **Double-click System.**

➔ The "System Properties" window opens.

3. **Click "Automatic Updates" tab.**

4. **Remove checkmark from [Keep my computer up to date.] (☑ ➔ ☐).**


System Properties
General
Computer Name
Hardware
Advanced
System Restore
Automatic Updates
Remote

Windows can find the updates you need and deliver them directly to your computer.

☐ Keep my computer up to date. With this setting enabled, Windows Update software may be automatically updated prior to applying any other updates.

RI0000365.EPS

5. **Click OK.**

➔ The system returns to the Control Panel.

6. **Close the Control Panel.**

➔ The system returns to the desktop.

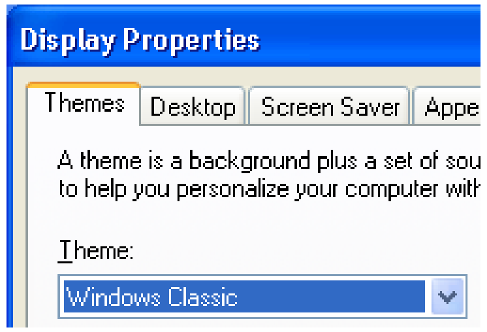
■ Setting display properties

Use the procedure below to change display properties from “Windows XP” to “Windows Classic”.

1. Right-click a menu on the desktop to select “Properties”.

➔ The “Display Properties” window opens.

2. Select “Windows Classic” from the “Themes” pull-down menu.


Display Properties

Themes | Desktop | Screen Saver | Appe

A theme is a background plus a set of sou
to help you personalize your computer with

Theme: Windows Classic

RI00000356.EPS

3. Click Apply.

➔ The display properties change to Classic.

4. Click OK and close the “Display Properties” window.

■ Setting the taskbar

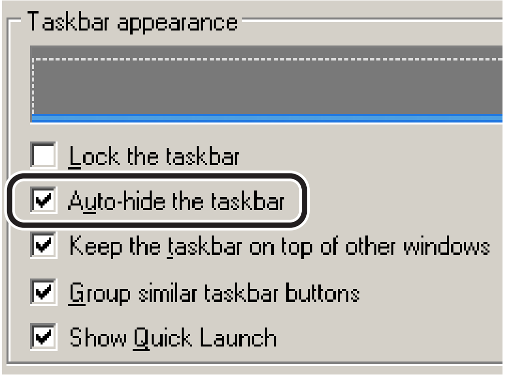
Change the Windows taskbar display setting as follows.

1. Right-click a position on the taskbar to select “Properties”.

➔ The “Taskbar and Start Menu Properties” window opens.

2. Perform the following taskbar-related settings.

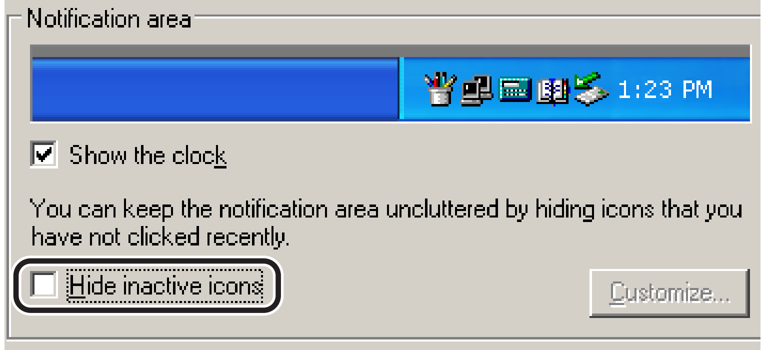
❍ Place a checkmark to ☐ Auto-hide the taskbar (☐ ➔ ☑).


Taskbar appearance

☐ Lock the taskbar
☑ Auto-hide the taskbar
☑ Keep the taskbar on top of other windows
☑ Group similar taskbar buttons
☑ Show Quick Launch

RI0000361.EPS

❍ Remove the checkmark from ☑ Hide inactive icons (☑ ➔ ☐).



Notification area

☑ Show the clock

You can keep the notification area uncluttered by hiding icons that you have not clicked recently.

☐ Hide inactive icons

RI0000364.EPS

3. Click OK and close the “Taskbar and Start Menu Properties” window.

3. Setting Up the Monitor ALL

The setup procedure varies with the connected monitor.

3.1 15" Monitor with Touch Panel

Perform the following procedures to install the touch panel driver and adjust the touch panel and monitor.

■ Installing the touch panel driver and adjusting the touch panel

☞ **For details on the procedures for setting up the touch-panel-attached 15" monitor, see "Appendix 1 Installing the Touch Panel Driver [Option]" in "Appx IN: Appendix to Installation".**

■ Adjusting the monitor

Adjust the monitor if it has a problem with the following performance characteristics.

- ❍ Width
- ❍ Horizontal position
- ❍ Height
- ❍ Vertical position
- ❍ Pincushion distortion
- ❍ Screen rotation

☞ **For details on the adjustment procedures, refer to the documentation supplied with the monitor.**

■ Adjusting the contrast and brightness

Adjust the display contrast and brightness as follows:

● Model 9416TD15/H2

❍ Contrast : 127
(Press the "Menu" switch on the right-hand side of the monitor to adjust the contrast with Page1.)

❍ Brightness : 255
(Press the ▲ or ▼ button on the right-hand side of the monitor while the "Main Menu" is not displayed on the screen.)

● Model 9416TD15/H2-1

❍ Contrast : 65%
(Press the "Menu" switch on the right-hand side of the monitor to adjust the contrast with Page1.)

❍ Brightness : 100%
(Press the ▲ or ▼ button on the right-hand side of the monitor while the "Main Menu" is not displayed on the screen.)

● Model L350P-TS

❍ Contrast : 80%

❍ Brightness : 80%
(Press the "Enter" switch on the front of the monitor to adjust the brightness by selecting <Picture Adjustment>, then <Contrast/Brightness>.

● Model L351P-TS

❍ Contrast : 90%

❍ Brightness : 90%
(Press the "Enter" switch on the front of the monitor to adjust the brightness by selecting <Picture Adjustment>, then <Contrast/Brightness>.

● Model L362T

❍ Contrast : Default (not determined)

❍ Brightness : 90%

3.2 17" CRT Monitor

Adjust the monitor as needed. No other setup procedures need be performed.

■ Adjusting the monitor

Adjust the monitor if it has a problem with the following performance characteristics.

- ❍ Width
- ❍ Horizontal position
- ❍ Height
- ❍ Vertical position
- ❍ Pincushion distortion
- ❍ Screen rotation
- ❍ Brightness
- ❍ Contrast

☞ **For details on the adjustment procedures, refer to the documentation supplied with the monitor.**

3.3 Super Resolution LCD Monitor SL-IC300

Install the video board driver and perform monitor setups.

☞ **For detailed setup procedure of the Super Resolution LCD Monitor SL-IC300, see the SL-IC300 Service Manual.**

3.4 Ikegami 1k Landscape Monitor

Install the video board driver and perform setups for adjustments of width and height on the monitor.

☞ **For the procedure of video board driver installation, see “Appendix F Installing the Video Board Driver” of this chapter.**

4. Installing MSDE and Its Service Pack

ALL

◆ **NOTE** ◆

When Windows XP SP2 was installed in "2. Installing and Setting Up the OS", make sure to create the FTP server before you install MSDE and its service pack.

☞ ***For how to create the FTP server, see "15. Creating the FTP Server".***

Perform the following procedure to install MSDE (SQL7) and MSDE (SQL7SP*) and its service pack.

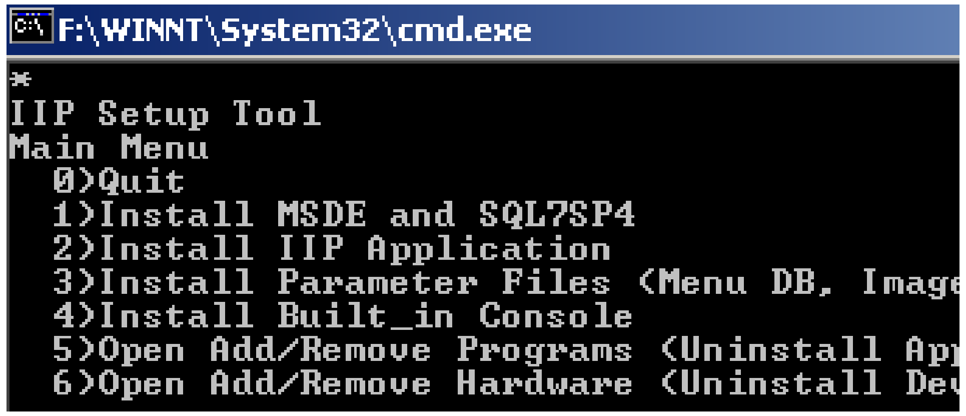
MSDE is a database that manages the images and patient information handled by the CL. If MSDE is not installed, the CL does not operate.

➥ ***REFERENCE***

The service pack is a modification program that corrects various problems with MSDE.

1. Insert the CL-AP CD into the CD-ROM drive.

➔ The "IIP Setup Tool" main menu automatically opens.



```
F:\WINNT\System32\cmd.exe
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall App
  6)Open Add/Remove Hardware (Uninstall Dev
```

RI000097.EPS

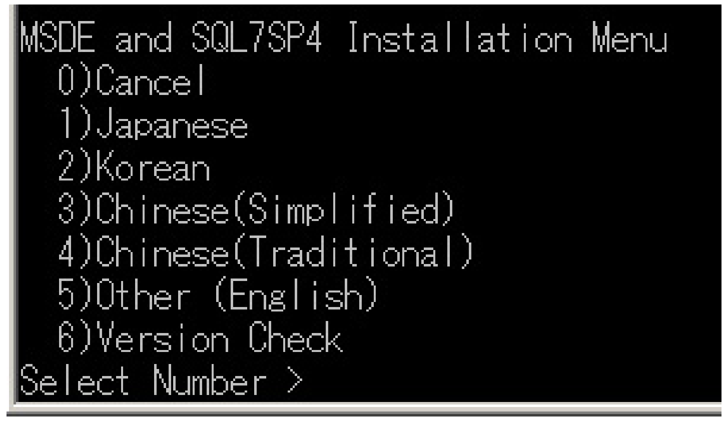
➥ ***REFERENCE***

"IIP Setup Tool" is a utility tool that performs CL-AP installation and other tasks. This tool is stored on the CD (product name: Application software; Part No. 114Y5342001A) that is supplied with the CL as a standard accessory.

2. Enter "1" and then press the <Enter> key.

➔ The installation menu for MSDE and its service pack opens.

3. To install the Japanese version, enter "1". To install the Korean version, enter "2" and "5" for the English version. Finalize your number entry by pressing the <Enter> key.

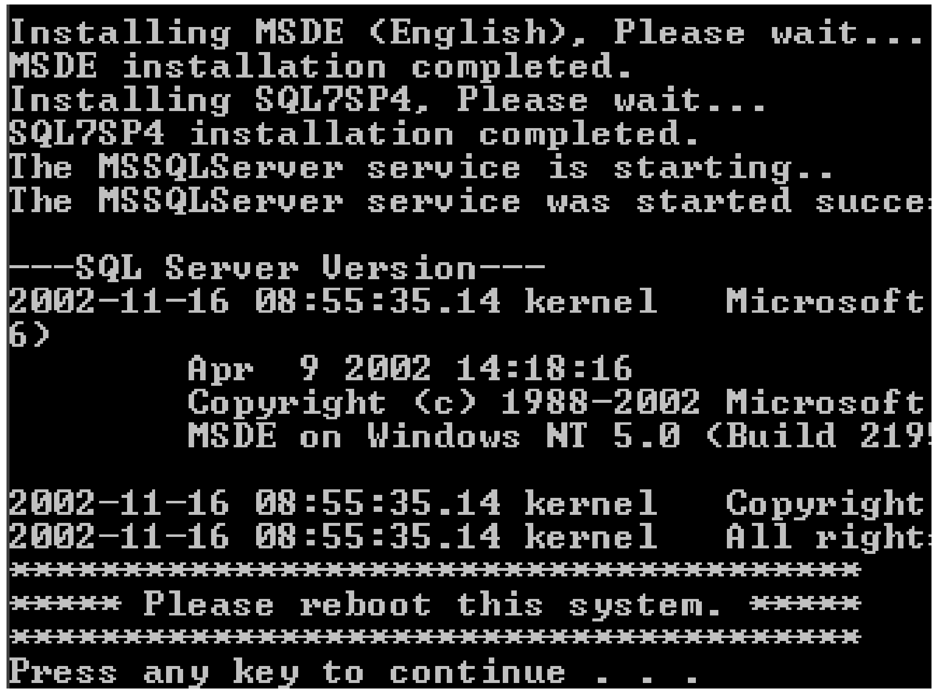


```
MSDE and SQL7SP4 Installation Menu
  0)Cancel
  1)Japanese
  2)Korean
  3)Chinese(Simplified)
  4)Chinese(Traditional)
  5)Other (English)
  6)Version Check
Select Number >
```

RI000098.EPS

➔ As indicated in the following window illustration, the MSDE/service pack installation process progresses.

MSDE and service pack installations end in about ten minutes in total.



```
Installing MSDE (English), Please wait...
MSDE installation completed.
Installing SQL7SP4, Please wait...
SQL7SP4 installation completed.
The MSSQLServer service is starting..
The MSSQLServer service was started succe

---SQL Server Version---
2002-11-16 08:55:35.14 kernel   Microsoft
6)
        Apr  9 2002 14:18:16
        Copyright (c) 1988-2002 Microsoft
        MSDE on Windows NT 5.0 (Build 219

2002-11-16 08:55:35.14 kernel   Copyright
2002-11-16 08:55:35.14 kernel   All right
**************************************
***** Please reboot this system. *****
**************************************
Press any key to continue . . .
```

RI000099.EPS

➥ *REFERENCE*

When you choose “6) Version Check”, you can view the version information about MSDE and service pack.

4. **When the “Press any key to continue...” message appears, press the <Enter> key.**

   ➔ The command prompt will close.

5. **Restart the CL to activate MSDE.**

   ➔ After the CL has been started up, MSDE will be activated automatically. (The icon appears in the task tray at the lower right.)

6. **If you wish to proceed to CL-AP installation processing, skip over the following steps 7. and 8. to go to the next page.**

7. **Enter “0” and then press the <Enter> key.**

   ➔ The system exits “IIP Setup Tool” and returns to the desktop screen.

8. **Remove the CD from the CD-ROM drive.**

5. Installing the CL-AP ALL

Install the CL-AP and replace the menu database.
Installing the CL-AP will automatically set up the wallpaper.

◆ **NOTE** ◆

To use the Synapse server's Web Query function, perform the procedure below.

I. When the Synapse Client software is installed, uninstall it.

☞ ***"12. Synapse Client Software (Synapse Workstation)" in "Appendix A Uninstalling the APs" under "RI: Reinstalling the Software"***

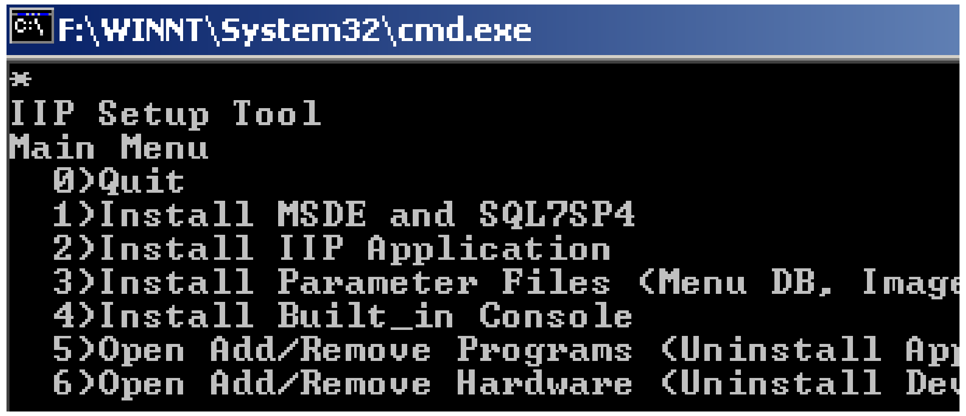
II. Install the Synapse Client software.

☞ ***"CL + Synapse Server (Web Query)" in "OE19: Connecting the CL to Other Equipment"***

5.1 Installing the CL-AP

1. Insert the CL-AP CD into the CD-ROM drive.

➔ The "IIP Setup Tool" main menu automatically opens.



```
F:\WINNT\System32\cmd.exe
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall Ap
  6)Open Add/Remove Hardware (Uninstall De
```

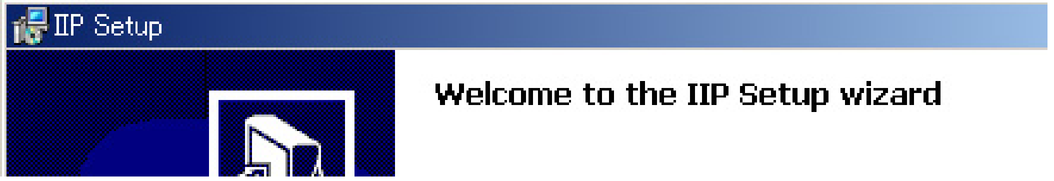
RI000097.EPS

➥ ***REFERENCE***

"IIP Setup Tool" is a utility tool that performs CL-AP installation and other tasks. This tool is stored on the CD (product name: Application software; Part No. 114Y5342001A) that is supplied with the CL as a standard accessory.

2. Enter "2" and then press the <Enter> key.

➔ The installer starts running and opens the "IIP Setup/Welcome to the ..." window.



IIP Setup

Welcome to the IIP Setup wizard

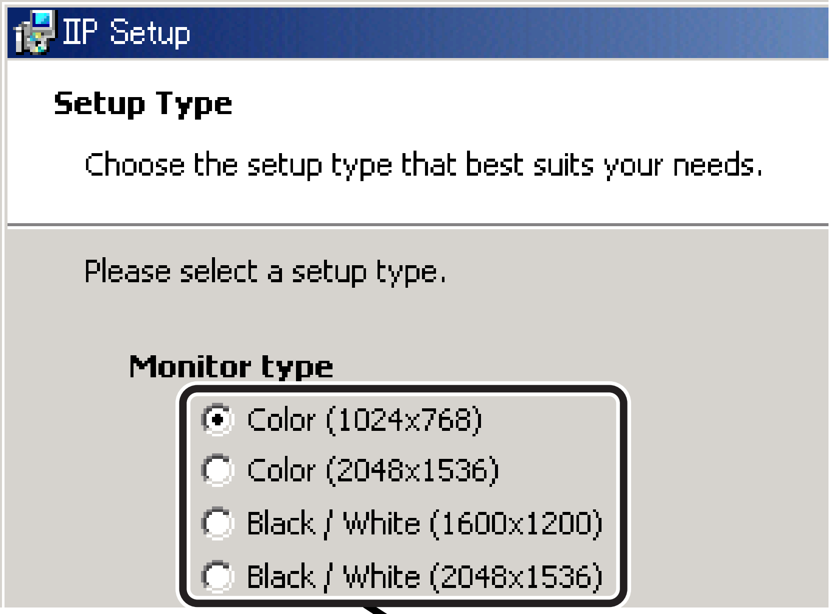
00000178.EPS

3. Click Next > **.**

➔ The "IIP Setup/Setup Type" window opens.

4. Select the monitor type to be used, and then click Next > **.**

- When the 15" monitor with the touch panel or the 17" CRT monitor is to be used, choose "Color (1024 × 768)".
- When the color Super Resolution LCD SL-IC300 is to be used, select "Color (2048 × 1536)".
- When the Ikegami 1k landscape monitor is to be used, select "Black/White (1600 × 1200)".
- When the monochrome Super Resolution LCD SL-IC300 is used, select "Black/White (2048 × 1536)".



IIP Setup

Setup Type

Choose the setup type that best suits your needs.

Please select a setup type.

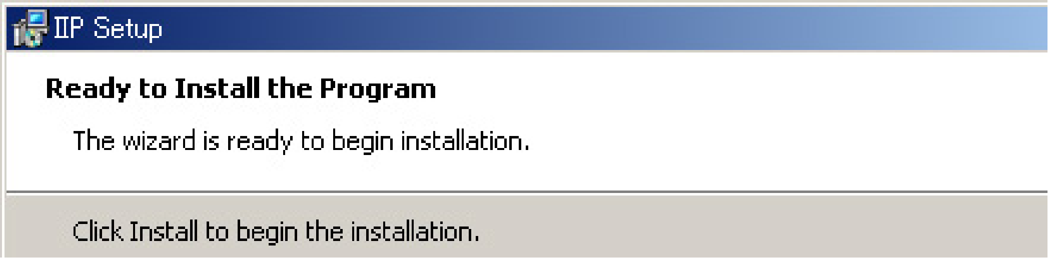
Monitor type

● Color (1024x768)
○ Color (2048x1536)
○ Black / White (1600x1200)
○ Black / White (2048x1536)

Select the monitor type to be used.

RI000100.EPS

→ The “IIP Setup/Ready to Install the Program” window opens.



IIP Setup

Ready to Install the Program

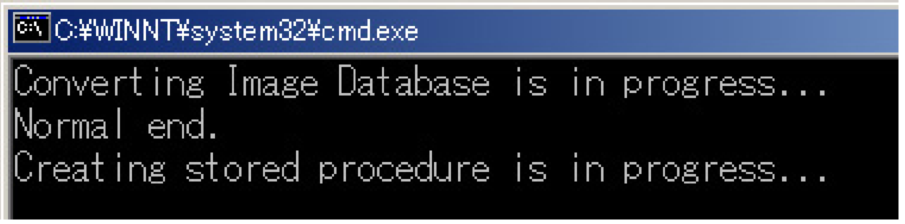
The wizard is ready to begin installation.

Click Install to begin the installation.

00000180.EPS

5. **Click Install.**

→ In a few minutes, a window like that shown below opens.



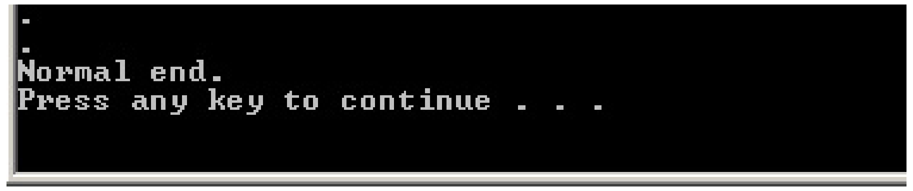
C:¥WINNT¥system32¥cmd.exe

```
Converting Image Database is in progress...
Normal end.
Creating stored procedure is in progress...
```

RI000026.EPS

◆ NOTE ◆

Although a message saying that “Image Database does not exist.” can appear for software versions A04 or later, the CL-AP installation processing will not be affected.

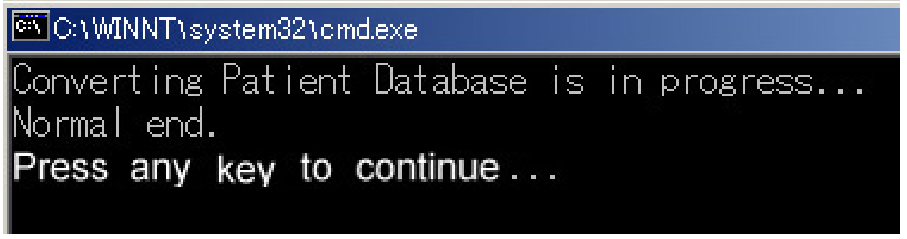


```
.
.
Normal end.
Press any key to continue . . .
```

RI000032.EPS

6. **Press the <Enter> key.**

→ In a few seconds, a window like that shown below opens.



C:\WINNT\system32\cmd.exe

```
Converting Patient Database is in progress...
Normal end.
Press any key to continue...
```

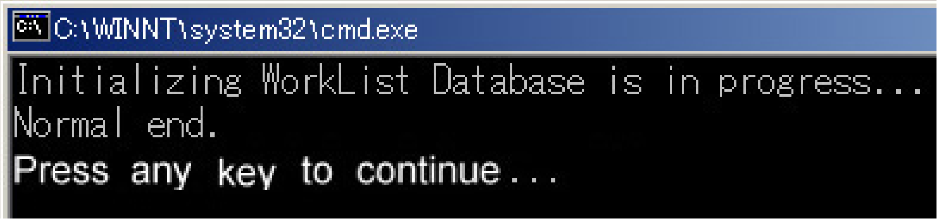
RI000027.EPS

◆ NOTE ◆

Although a message saying that “Patient Database does not exist.” can appear for software versions A04 or later, the CL-AP installation processing will not be affected.

7. **Press the <Enter> key.**

→ In a few seconds, a window like that shown below opens.



C:\WINNT\system32\cmd.exe

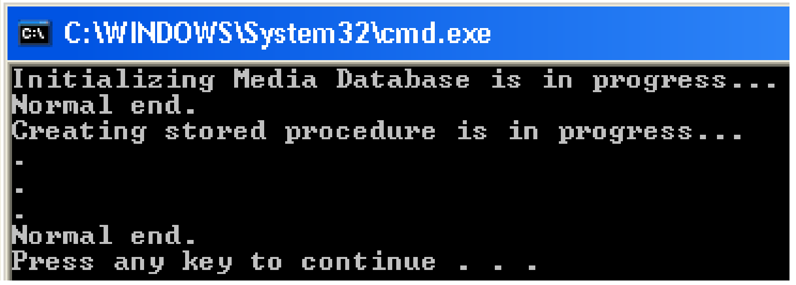
```
Initializing WorkList Database is in progress...
Normal end.
Press any key to continue...
```

RI000028.EPS

8. **Press the <Enter> key.**

◆ NOTE ◆

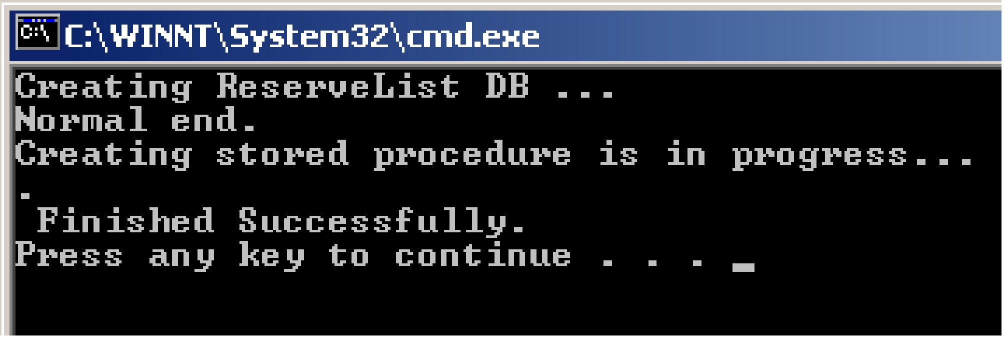
For the version V2.0 (B), V1.0 (C) software, the following two windows will be displayed. Press the <Enter> key. Make sure that installation processing has ended, and then proceed to step 9.



C:\WINDOWS\System32\cmd.exe

```
Initializing Media Database is in progress...
Normal end.
Creating stored procedure is in progress...
.
.
.
Normal end.
Press any key to continue . . .
```

RI000227.EPS

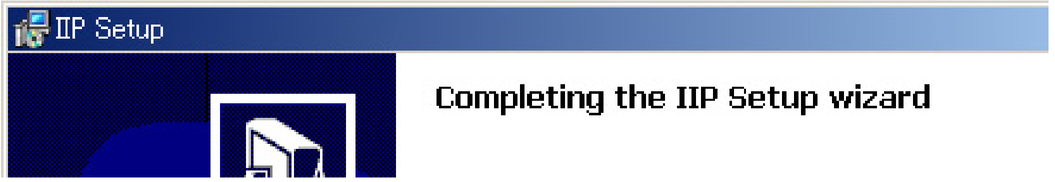


C:\WINNT\System32\cmd.exe

```
Creating ReserveList DB ...
Normal end.
Creating stored procedure is in progress...
.
 Finished Successfully.
Press any key to continue . . . _
```

RI000105.EPS

➔ Upon completion of installation, the "IIP Setup/Completing the IIP..." window opens.



Completing the IIP Setup wizard

00000181.EPS

9. **Click Finish.**

➔ The system returns to the "IIP Setup Tool" main menu.

10. **Turn the PC power OFF and mount the PEI or PSI board on the PC.**

☞ **"Appendix C Removing/Reinstalling the Board (PEI/PSI)"**

◆ NOTE ◆

If the OS was being installed with the PEI/PSI board mounted on the PCI slots, use Device Manager to delete the ❓ Other devices file at this step.

☞ ***"■ Checking the PEI01A board device driver" in "3.2 Typical Procedure for Achieving Recovery from an LP (Local Printer) Printout Generation Failure" under "MT: Machine Troubleshooting".***

11. **Re-connect the USB peripheral devices (barcode reader, magnetic card reader, etc.) that have been disconnected before OS installation.**

◆ NOTE ◆

For Windows XP, you must perform driver software settings after USB peripheral devices are connected.

☞ ***For the driver software setup procedure, see "4.6 Changing the Barcode Reader/Magnetic Card Reader Driver Software" under "MT: Machine Troubleshooting".***

5.2 Replacing the Menu Database

If the CL-AP is installed on an OS other than Japanese version, the English version [other than U.S.] exposure menus are installed as a default. To change the exposure menu language from the default, change the menu database.

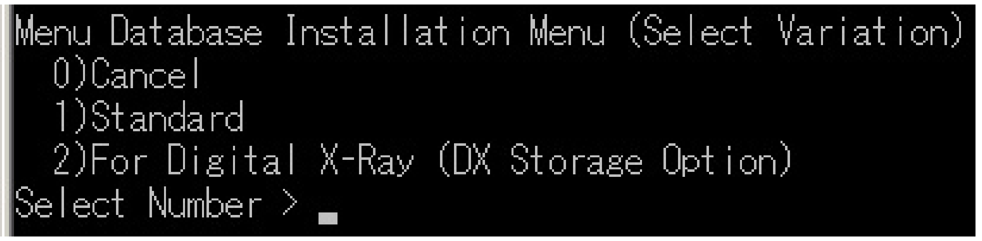
Skip this procedure if the Japanese version of OS is installed.

◆ *NOTE* ◆

Note that exposure menu settings will revert to the default if a menu database is replaced.

1. **Enter “3” on the “IIP Setup Tool” main menu and press the <Enter> key.**

   ➔ A menu of languages that can be installed will appear.



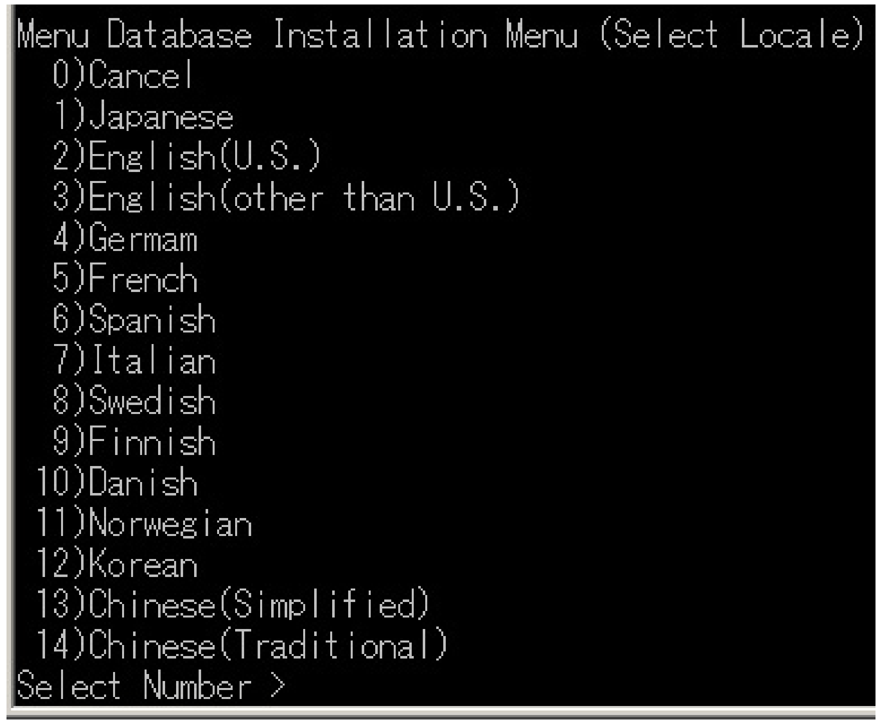
```
Menu Database Installation Menu (Select Variation)
  0)Cancel
  1)Standard
  2)For Digital X-Ray (DX Storage Option)
Select Number > _
```

00000301.EPS

2. **When you use DICOM MG Storage (Digital Mammography option), enter “2”. If not, enter “1”. Finalize your selection entry by pressing the <Enter> key.**

   ➔ A menu opens to display the languages that can be installed.

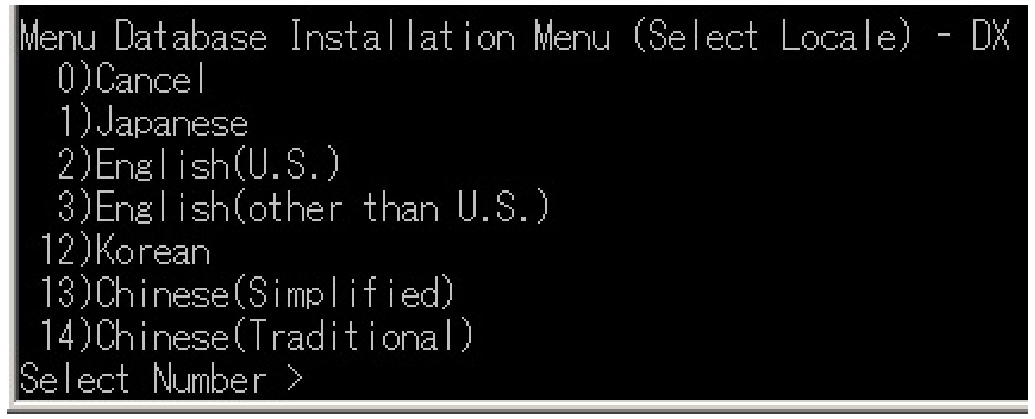
- Standard Menu



```
Menu Database Installation Menu (Select Locale)
  0)Cancel
  1)Japanese
  2)English(U.S.)
  3)English(other than U.S.)
  4)Germam
  5)French
  6)Spanish
  7)Italian
  8)Swedish
  9)Finnish
 10)Danish
 11)Norwegian
 12)Korean
 13)Chinese(Simplified)
 14)Chinese(Traditional)
Select Number >
```

00000313.EPS

- DICOM MG Storage Menu



```
Menu Database Installation Menu (Select Locale) - DX
  0)Cancel
  1)Japanese
  2)English(U.S.)
  3)English(other than U.S.)
 12)Korean
 13)Chinese(Simplified)
 14)Chinese(Traditional)
Select Number >
```

00000312.EPS

3. **Enter the item number of the language you wish to install and press the <Enter> key.**

4. **If the “● Standard” menu is chosen, the display shows three menus: Cassette, Built_in (upright), and Built_in (bed type). Select the one that suits the connected equipment.**

5. **Select a menu that relates to the use of FNC parameters (Flexible Noise Control processing : option).**

   ➔ The message saying “Menu Database Installation Completed” will be displayed to indicate that menu database replacement is completed.

6. **If you wish to continue to install various components, skip subsequent steps 7 and 8 and then proceed as directed on the next page.**

7. **Enter “0” and press the <Enter> key.**

   ➔ The system returns to the desktop screen.

8. **Remove the CD from the CD-ROM drive.**

6. Installing the Screen Saver

7. Installing the CL Components

ALL

Install as follows the components (files) that are necessary for activating the CL.

7.1 Built_inConsole (A02 or later)

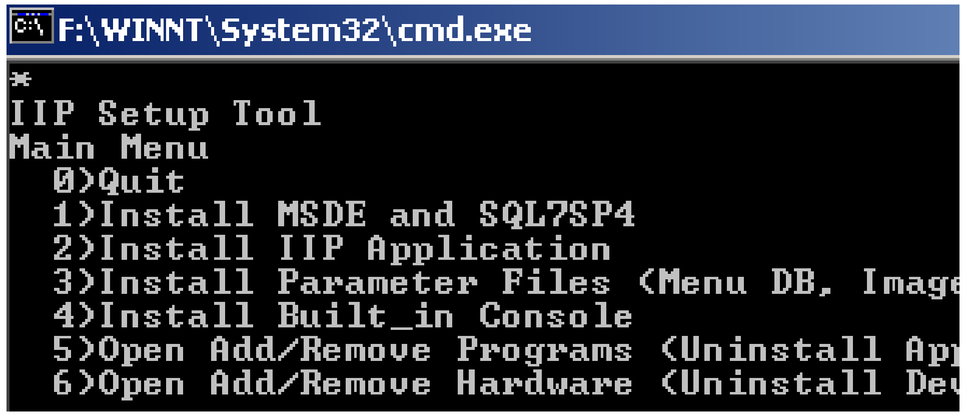
For installing the console software Built_inConsole, use the “IIP Setup Tool” on the CL-AP installation CD.

◆ ***NOTE*** ◆

Built_inConsole must be installed even when only the RU or 5000 cassette-type Image Reader is installed. If it is not installed, an error occurs when the CL-AP starts running.

1. **Insert the CL-AP CD into the CD-ROM drive.**

   ➔ The “IIP Setup Tool” main menu automatically opens.



F:\WINNT\System32\cmd.exe

```
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall Ap
  6)Open Add/Remove Hardware (Uninstall De
```

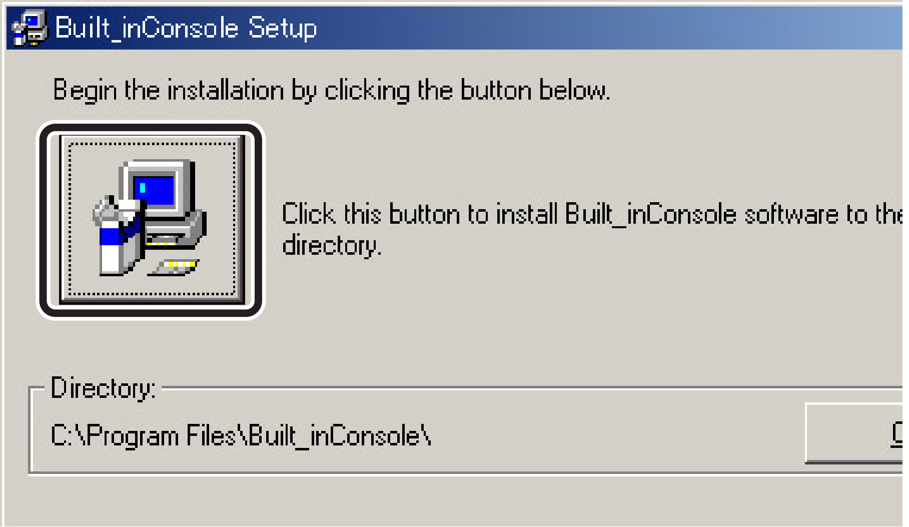
RI000097.EPS

2. **Type in the number “4” and then press the <Enter> key.**

   ➔ The “Built_inConsole Setup” window opens.

3. **Click OK.**

4. **Click .**



Built_inConsole Setup

Begin the installation by clicking the button below.

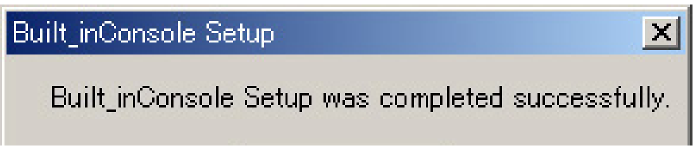
Click this button to install Built_inConsole software to the directory.

Directory:

C:\Program Files\Built_inConsole\

RI000031.EPS

➔ When the installation process ends, a message appears to indicate the completion of installation.



Built_inConsole Setup

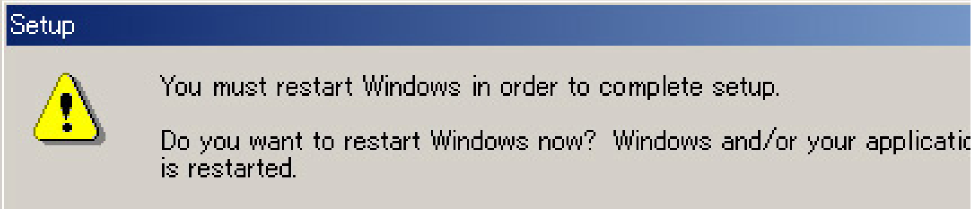
Built_inConsole Setup was completed successfully.

RI000029.EPS

5. **Click OK.**

   ➔ A dialog box appears, prompting you to restart the PC.

6. **Click Yes.**



Setup

You must restart Windows in order to complete setup.

Do you want to restart Windows now? Windows and/or your applicati is restarted.

RI000030.EPS

➔ The PC restarts.

7. **Click OK when the “20102” error code window is displayed after the PC has been restarted.**

7.2 FRIS Modules (A04 or later)

For the FRIS Modules, use “IIP Setup Tool” on the CL-AP installation CD.

◆ NOTE ◆

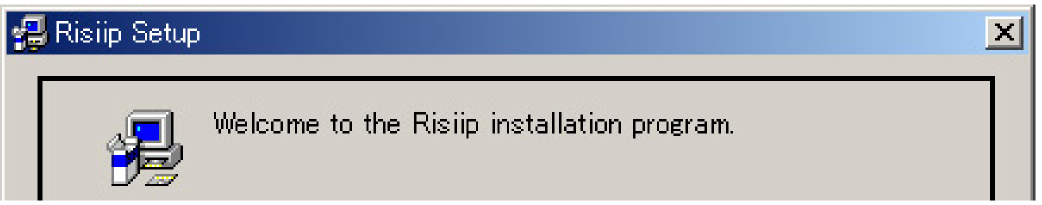
Even if the F-RIS function is not used, install the FRIS Modules. If they are not installed, an error occurs when the CL-AP starts.

1. Start “IIP Setup Tool” and then choose “10) Install FRIS Modules”.

➥ REFERENCE

Insert or reinsert the CD-AP CD into the CD-ROM drive. The “IIP Setup Tool” menu will then start up automatically.

→ The “Risiip Setup” window opens.

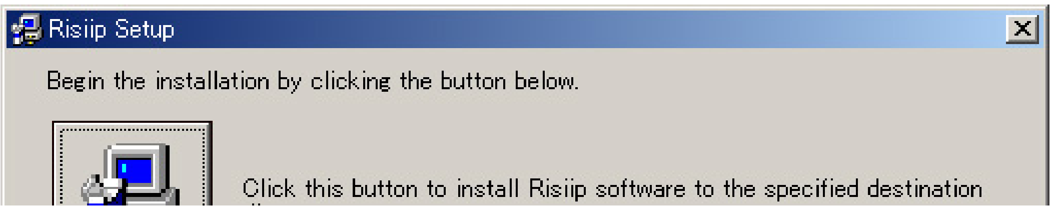


Welcome to the Risiip installation program.

RI000042.EPS

2. Click OK **.**

→ A window opens, prompting you to start the installation.



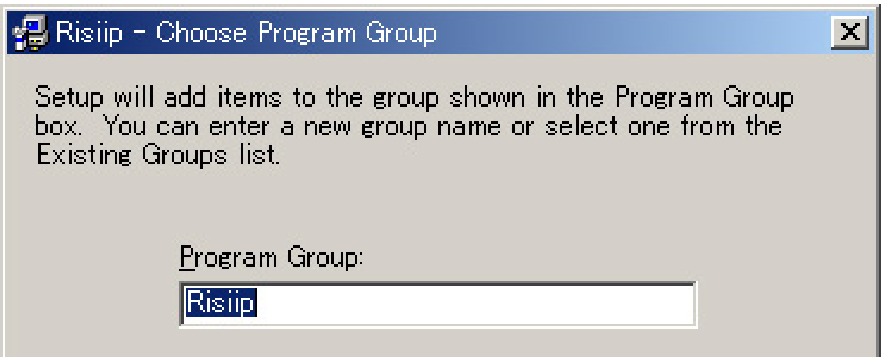
Begin the installation by clicking the button below.

Click this button to install Risiip software to the specified destination

RI000043.EPS

3. Click **.**

→ The “Risiip - Choose Program Group” window opens.



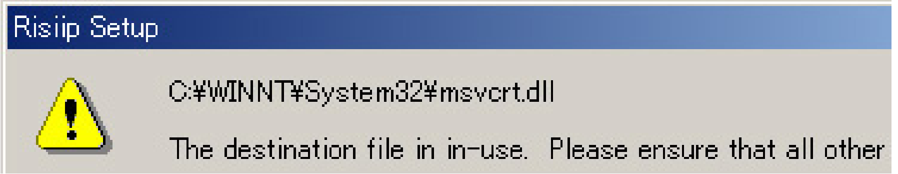
Setup will add items to the group shown in the Program Group box. You can enter a new group name or select one from the Existing Groups list.

Program Group: Risiip

RI000044.EPS

4. Click Continue **.**

→ The following warning window opens.



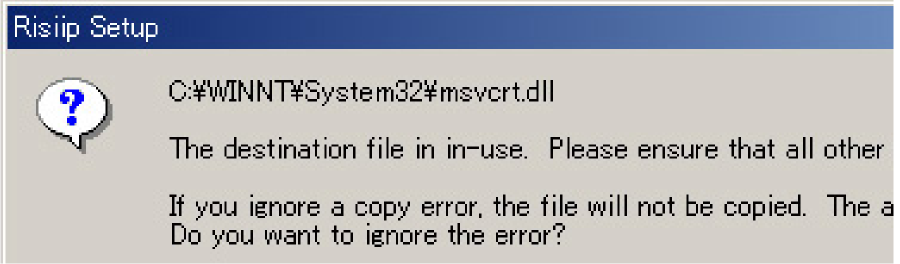
C:¥WINNT¥System32¥msvcrt.dll

The destination file in in-use. Please ensure that all other

RI000045.EPS

5. Click Ignore **.**

→ The following window opens.



C:¥WINNT¥System32¥msvcrt.dll

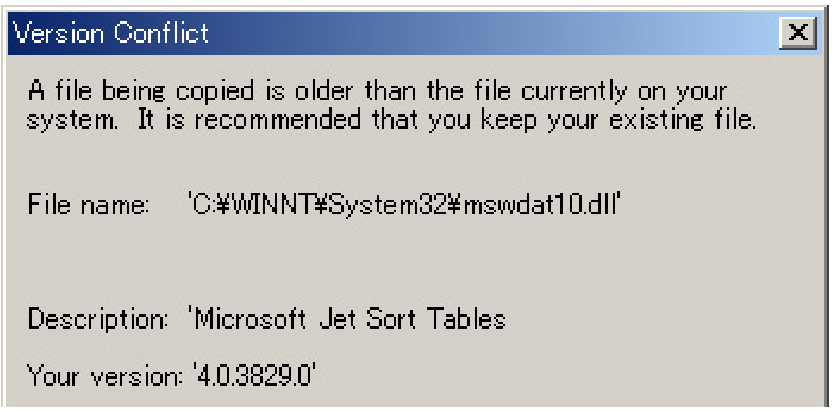
The destination file in in-use. Please ensure that all other

If you ignore a copy error, the file will not be copied. The a
Do you want to ignore the error?

RI000046.EPS

6. **Click Yes.**

➔ The following window opens.



Version Conflict

A file being copied is older than the file currently on your system. It is recommended that you keep your existing file.

File name: 'C:¥WINNT¥System32¥mswdat10.dll'

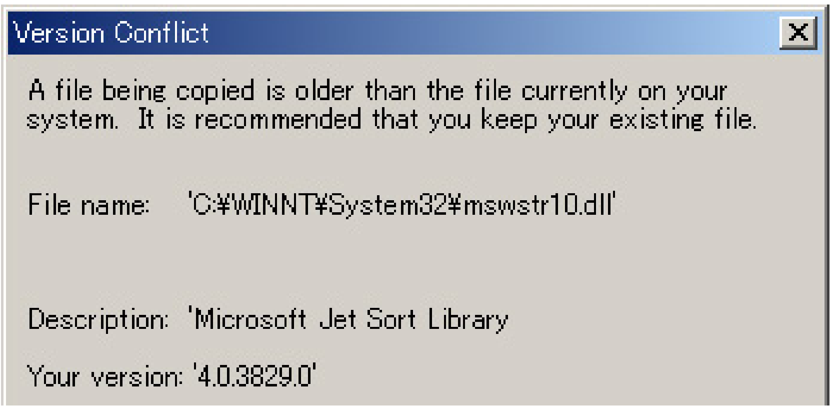
Description: 'Microsoft Jet Sort Tables

Your version: '4.0.3829.0'

RI000047.EPS

7. **Click Yes.**

➔ The following window opens.



Version Conflict

A file being copied is older than the file currently on your system. It is recommended that you keep your existing file.

File name: 'C:¥WINNT¥System32¥mswstr10.dll'

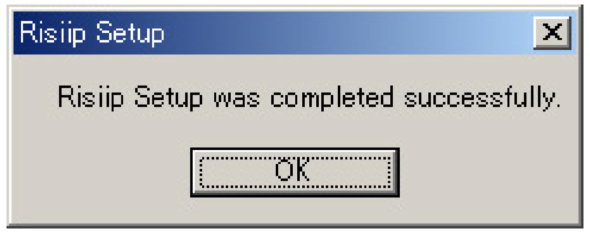
Description: 'Microsoft Jet Sort Library

Your version: '4.0.3829.0'

RI000048.EPS

8. **Click Yes.**

➔ A message appears to indicate that the installation is completed.



Risiip Setup

Risiip Setup was completed successfully.

RI000049.EPS

9. **Click OK.**

➔ The installation process for the FRIS Modules is thus completed.

10. **Restart the PC when the OS used is Windows XP.**

8. Installing the Standard Key

RU **5000P** **356/357** **36X**

8.1 Installing the XG-1 Standard Key **RU**

Install the XG-1 Standard Key that is supplied with the CL, as directed below.
If the CD supplied with the CL is the Standard Key, proceed to "8.3 Installing the Standard Key".

➥ *REFERENCE*

When the XG-1 Standard Key (A01) is installed, the following functions are available.

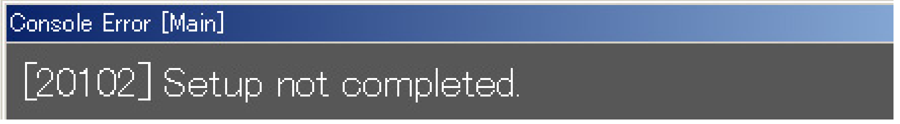
- *RU connection (FRUP)*
- *HQ image transfer (image transfer from the RU only)*
- *DRC image processing*
- *TAS image processing*
- *Image magnification or full screen display on the QA window*
- *LUT adjustment function for connection to other competing PACS*

➥ *REFERENCE*

The XG-1 Standard Key will be supplied only for a shipment when a single RU is to be connected. When two or more RUs or a single 5000 plus are to be connected, install the 5000 Standard Key as well.

1. **Turn ON the PC power.**

➔ An error screen like that shown below opens immediately after CL-AP startup.



Console Error [Main]

[20102] Setup not completed.

00000332.EPS

➥ *REFERENCE*

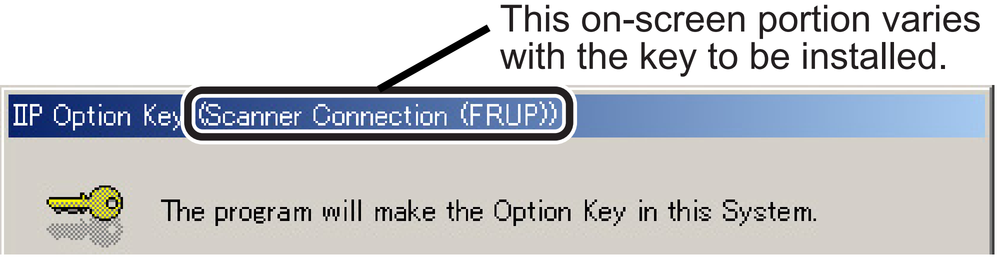
This error screen opens when the AP key is not installed.
This error screen does not imply any anomalies because the AP key will be installed later in "11. AP Key Installation".

2. **Click OK.**

➔ The system returns to the desktop screen.

3. **Insert the XG-1 Standard Key CD into the CD-ROM drive.**

➔ The RU connection key installation start window automatically opens.



This on-screen portion varies with the key to be installed.

IIP Option Key (Scanner Connection (FRUP))

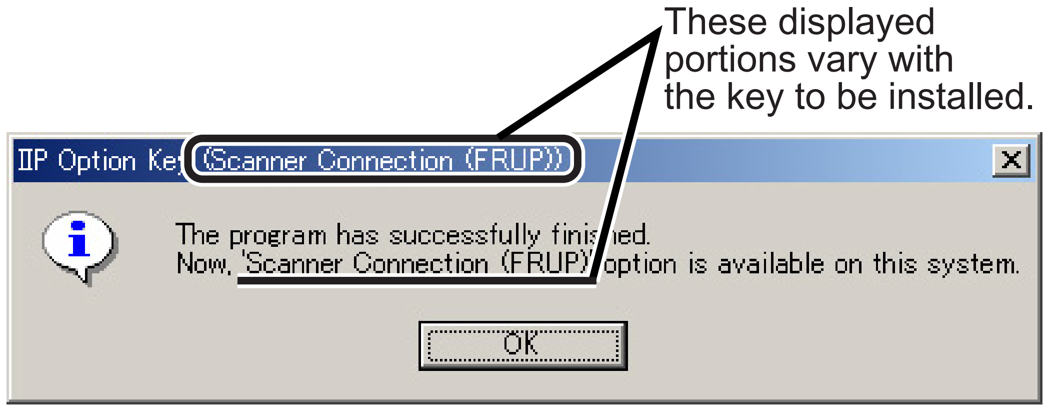
The program will make the Option Key in this System.

00000337.EPS

4. **Click Continue.**

➔ A window opens to indicate the completion of installation.

5. **Click OK.**



These displayed portions vary with the key to be installed.

IIP Option Key (Scanner Connection (FRUP))

The program has successfully finished.
Now, 'Scanner Connection (FRUP)' option is available on this system.

00000338.EPS

➔ The HQ image transfer key installation start window automatically opens.

6. **In the same manner as indicated in steps 4. and 5. above, consecutively install the HQ image transfer key, DRC image processing key, TAS image processing key, image magnification or full screen display key on the QA window, and other competing PACS connection key.**

7. **Remove the CD from the CD-ROM drive.**

8.2 Installing the 5000 Standard Key

5000P

When a single 5000 plus are connected, install the 5000 Standard Key. The 5000 Standard Key is stored on the CD that is supplied with the CL.

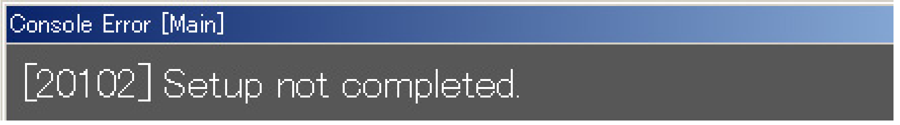
➥ ***REFERENCE***

When the 5000 Standard Key is installed, the following functions are available.

- *5000 plus connection*
- *DRC image processing*
- *TAS image processing*
- *Image magnification or full screen display on the QA window*
- *LUT adjustment function for connection to other competing PACSs*

1. **Turn ON the PC.**

➔ The following error window opens immediately after CL-AP startup.



Console Error [Main]

[20102] Setup not completed.

00000332.EPS

➥ ***REFERENCE***

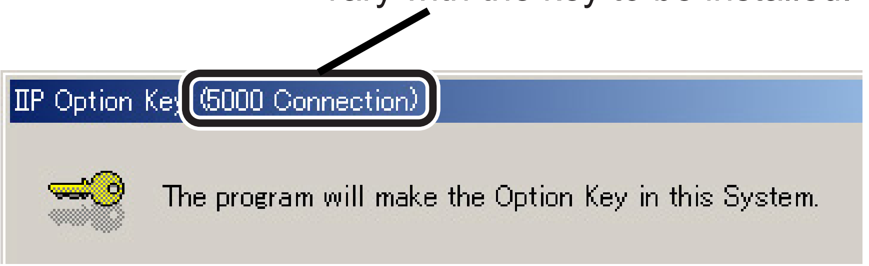
The above error window opens when the AP key is not installed. This error screen does not imply any anomalies because the AP key will be installed later in “11. AP Key Installation”.

2. **Click** OK.

➔ You are returned to the desktop screen.

3. **Insert the 5000 Standard Key CD into the CD-ROM drive.**

➔ The installation start window for the 5000 series key automatically opens.



These on-screen portions vary with the key to be installed.

IP Option Key (5000 Connection)

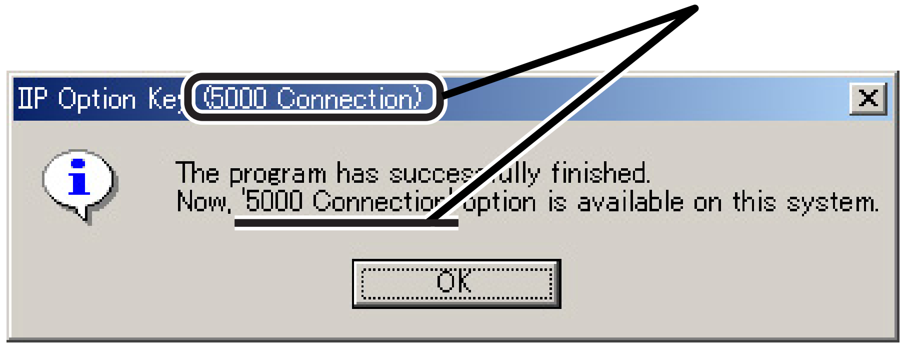
The program will make the Option Key in this System.

RI000002.EPS

4. **Click** Continue.

➔ A window opens to indicate the completion of installation.

5. **Click** OK.



These on-screen portions vary with the key to be installed.

IP Option Key (5000 Connection)

The program has successfully finished.
Now, '5000 Connection' option is available on this system.

OK

RI000003.EPS

➔ The installation start window for the DRC image transfer key opens.

6. **In the same manner as indicated in steps 4. and 5. above, consecutively install the DRC image processing key, TAS image processing key, image magnification or full screen display on the QA window key and other competing PACS connection key.**

7. **Remove the CD from the CD-ROM drive.**

8.3 Installing the Standard Key ALL

Install the Standard Key supplied with the CL, as directed below.
The Standard Key released after A09 includes the two types, Lite and Plus, and their available functions are different with each other.

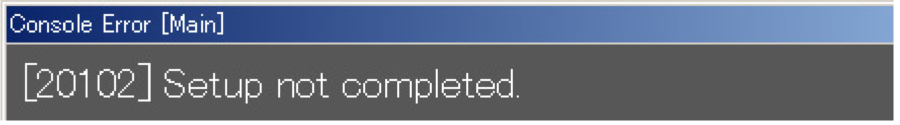
➥ ***REFERENCE***

When the Standard Key is installed, the following functions are available.

- *RU connection (FRUP)*
- *HQ image transfer (only images from RUs)*
- *5000 plus connection*
- *DRC image processing*
- *TAS image processing*
- *FNC processing (A01 or later for Lite and A02 or later for Plus)*
- *Image magnification or full screen display on the QA window [not available for Lite.]*
- *LUT adjustment function for connection to other competing PACSs [not available for Lite.]*
- *Film annotation characters [not available for Lite.]*

1. **Turn ON the PC.**

➔ The following error window opens immediately after CL-AP startup.



Console Error [Main]

[20102] Setup not completed.

00000332.EPS

➥ ***REFERENCE***

The above error window opens when the AP key is not installed. This error screen does not imply any anomalies because the AP key will be installed later in “11. AP Key Installation”.

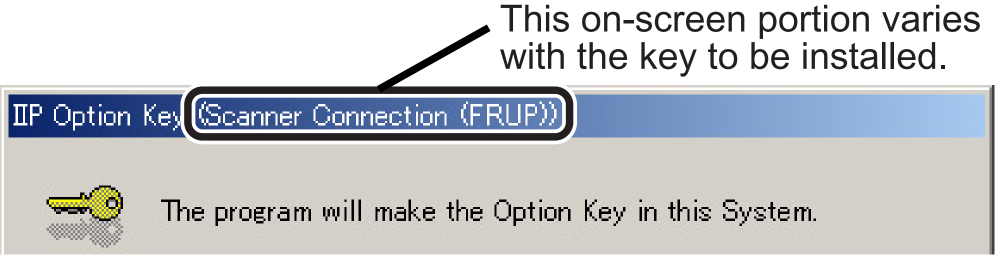
2. **Click** OK.

➔ The system returns to the desktop screen.

3. **Insert the Standard Key CD into the CD-ROM drive.**

➔ The installation start window for the RU connection key automatically opens.

This on-screen portion varies with the key to be installed.



IP Option Key (Scanner Connection (FRUP))

The program will make the Option Key in this System.

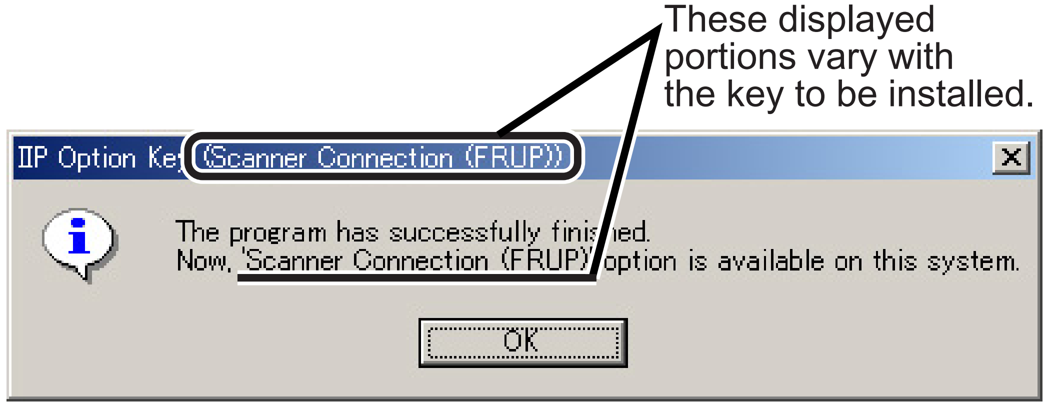
00000337.EPS

4. **Click** Continue.

➔ A window opens to indicate the completion of installation.

5. **Click** OK.

These displayed portions vary with the key to be installed.



IP Option Ke (Scanner Connection (FRUP))

The program has successfully finished.
Now, 'Scanner Connection (FRUP)' option is available on this system.

00000338.EPS

➔ The installation start window for the DRC image transfer key opens.

6. **In the same manner as indicated in steps 4. and 5. above, consecutively install the HQ image transfer key, 5000 plus connection key, DRC image processing key, TAS image processing key, image magnification or full screen display on the QA window key (not available for Lite), and other competing PACS connection key [not available for Lite].**

7. **Remove the CD from the CD-ROM drive.**

9. ****BLANK****

10. Option Key Installation ALL

Install the same option keys that were used immediately before OS reinstallation.
Unless the option keys have been deleted by newly installing the OS or deleting the option key registry, option key reinstallation is not required.

◆ NOTE ◆

After option key installation, be sure to install the AP key. The reason is that installing the option keys disables the AP key that has been enabled.

Function	Product Code	Description
Print output	IR346 LOCAL PRINT	LP (local printer) connection
	IR346 DICOM PRINT	DICOM Print function
Image input/ output	IR346 DICOM CR STORAGE	DICOM-based image transmission functions available (Also include a function to transmit unstandardized images to the QA-WS.) Options installed are as follows. • CR Storage SCU (Standard) • CR Storage SCU (Private) (“Private Unstandardized CR Storage” is included in “Private”.)
	IR346 DICOM IM PROCESSED	Functions available for processed-image transmission with DICOM Options installed are as follows. • CR Storage SCU (Standard) • Processed image generation
	IR346 DMS NET-WORK IN-OUT	Function for image transfer (input/ output) with FINP Options installed are as follows. • FINP output • FINP input (Supports only the reprint function.)

Function	Product Code	Description
Image input/ output (cont’d)	CL DICOM MAMMO S	CR Digital Mammography function. Image processing parameters will not be provided.
	CL DICOM MAMMO P	CR Digital Mammography function. Image processing parameters will be provided.*1
	CL DICOM DVD STORAGE	Removable media image storage function
	CL DICOM QR	Function for study query/image retrieval to/from filing devices.
Image storage assurance	CL DICOM COMMITMENT	A function assuring that an image has surely been stored in the archiver unit.*2
QA function	IR 346 DELUX-QA	QA function addition*3
	CL TILE-IM QA FOR PLUS	QA batch processing
Image processing	IR 346 MFP	MFP image processing
	CL SHUTTER-PROC	Shuttering processing
	CL PEM	PEM image processing
	CL IM COMPOSITION	Image composition
	CL IM-MAGNIFY FOR LITE	Image magnification (for Lite Standard Key)
	CL LUT-ADJUSTMENT FOR LITE	LUT adjustment for connection to other competing PACS (for Lite Standard Key)
	CL ANNOTATION FOR LITE	Annotation function (for Lite Standard Key)
	CL GPR	Grid Pattern Removal (GPR) function
	FCR QC TEST SOFT	Image Reader QC function

*1 To use this option, the “CL DICOM MAMMO S” option key must have been installed.

*2 To use this option, the “IR346 DICOM CR STORAGE” option key must have been installed.

*3 When “IR346 DELUX-QA” is installed, all the QA functions are made available. If it is not installed, only a limited number of QA functions available.

Function	Product Code	Description
Acquisition of patient information	CL ID ONLINE	ID Online function
	CL DICOM ORDER MWM	DICOM worklist function
	CL DICOM ID MWM	DICOM worklist function (acquiring only patient information)
	CL DICOM MPPS	DICOM PPS function*1 Basically, installed together with MWM.
	CL ORDER ONLINE	Ordering function (serial connection)
	CL ORDER ONLINE FOR TST	Ordering function (F-RIS)
Energy subtraction processing	CL ES	Energy subtraction function Make sure to install this function when XU-D1 is connected.
X-ray controller	CL X ONLINE	X-CON control function
P-Console	CL SOFT FOR POCKET ID CL*2	Study reception information transfer/reception function
Other	CL RETAKE ANALYSIS	Function for storage/calculation of exposure/mis-exposure image information.

*1 Use this option together with the “CL DICOM ORDER MWM” or “CL DICOM ID MWM” option.

*2 Install ActiveSync prior to installation of the POCKET id Console option key. (Applicable only in Japan)

◆ NOTE ◆

Each option key is supplied on one dedicated CD-ROM for each product.

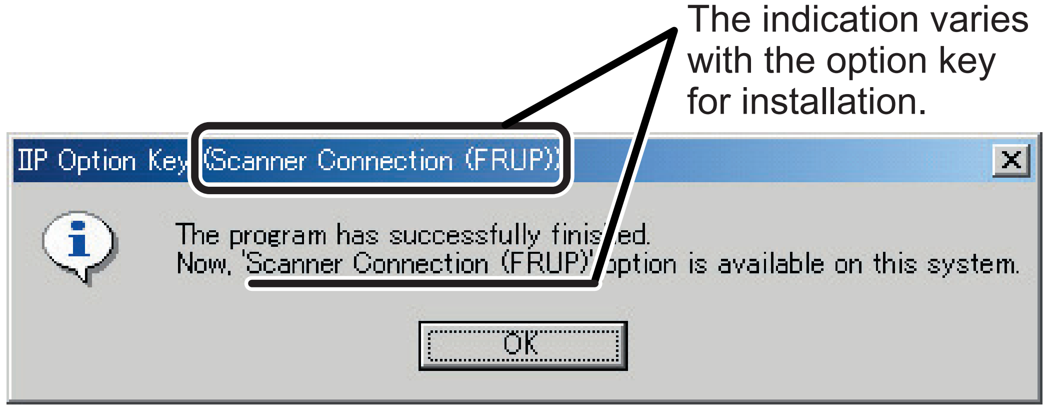
The installation procedure is described below.
The same installation procedure applies to all the option keys.

1. Insert an option key CD into the CD-ROM drive.

➔ The installation start window automatically opens in several seconds.

2. Click Continue.

➔ A window opens to indicate the completion of installation.


The indication varies with the option key for installation.
IIP Option Key (Scanner Connection (FRUP))
OK

The program has successfully finished.
Now, 'Scanner Connection (FRUP)' option is available on this system.

00000455.EPS

3. Click OK.

➔ The system returns to the desktop screen.

◆ NOTE ◆

Depending on the option for installation, the installation start window will be displayed some times.

Perform steps 2. and 3. as well.

4. Remove the CD from the CD-ROM drive.

11. AP Key Installation **ALL**

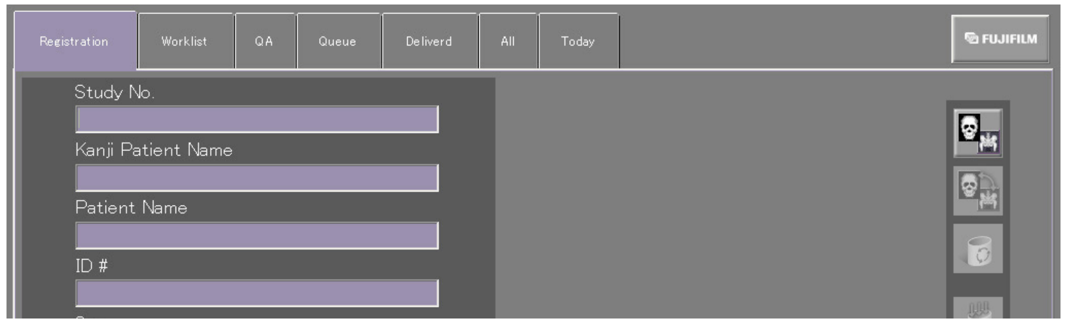
◆ NOTE ◆

Before AP key installation, be sure to install a standard key and option keys.

➥ REFERENCE

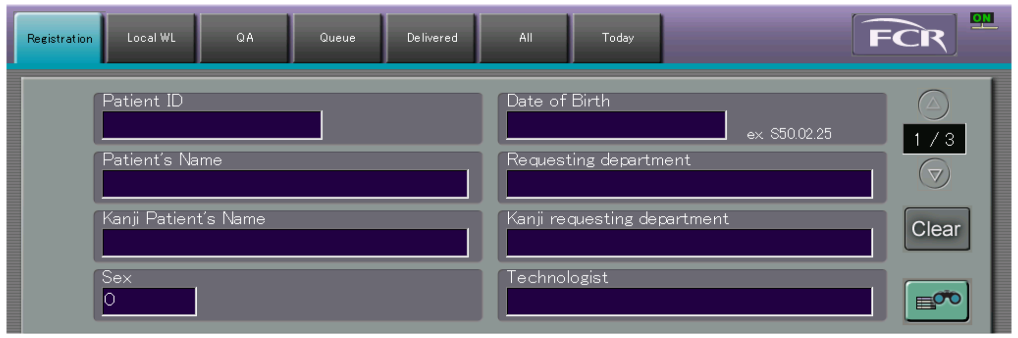
The CL is designed so that the CL-AP can be started up when registry information is generated to define the encryption key. The associated registry information is generated when the AP key is installed.

- *Version A software*


Registration
Worklist
QA
Queue
Deliverd
All
Today
FUJIFILM
Study No.
Kanji Patient Name
Patient Name
ID #

RI000007.EPS

- *Version B software*

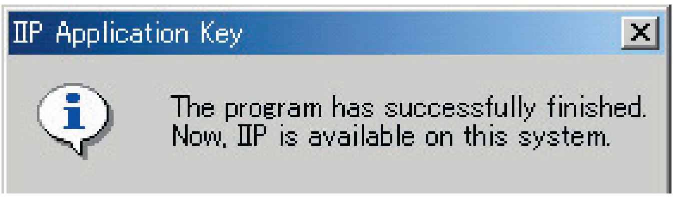

Registration
Local WL
QA
Queue
Delivered
All
Today
FCR
ON
Patient ID
Date of Birth
ex. S50.02.25
Patient's Name
Requesting department
Kanji Patient's Name
Kanji requesting department
Sex
0
Technologist
1 / 3
Clear

RI0000104.EPS

Install the AP key as follows:

1. **Insert the AP key CD into the CD-ROM drive.**
   ➔ After a while, the installation start window automatically opens.

2. **Click** Continue **.**
   ➔ A window opens to indicate the completion of installation.


IIP Application Key

The program has successfully finished.
Now, IIP is available on this system.

00000456.EPS

3. **Click** OK **.**
   ➔ The system returns to the desktop screen.

4. **Remove the CD from the CD-ROM drive.**

12. Initializing the Image Database

ALL

◆ *NOTES* ◆

- *After initial installation of the OS, be sure to initialize the image database. Starting up the CL-AP without initializing the image database will cause errors to be indicated (error codes: 50001, 20001, 30107, 30151, 20110, etc).*
- *Database can be initialized only when MSDE has been running.*
  If MSDE is running, the icon will be displayed in the task tray at the lower right corner of the window. If it is not displayed, restart the PC.
- *If images are accumulated on the image output queue, database cannot be initialized. It is thus necessary to delete images accumulated on the image output queue.*

☞ **For the procedure to be used to delete images accumulated on the image output queue, see “8.2 Clearing the Contents of the Image Output Queue” under “MU: Maintenance Utility”.**

1. **Turn ON the CL-PC power.**

➔ Windows 2000/XP starts up. After about one minute, the CL-AP starts running.

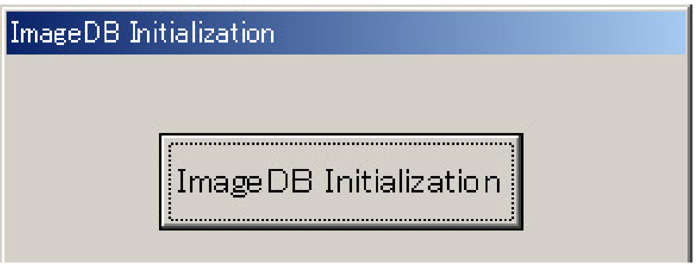
2. **Start the Service Utility.**

☞ **For details on the Service Utility startup procedure, see “1. Starting/Exiting the Service Utility” in “MU: Maintenance Utility”.**

➔ The main menu opens.

3. **Click [Data Base Utility].**

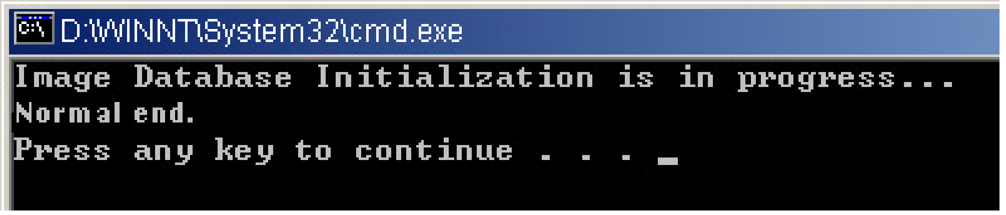
➔ The “ImageDB Initialization” window opens.



00000130.EPS

4. **Click [ImageDB Initialization].**

➔ The command prompt window opens. After several seconds, the following message appears.



```
Image Database Initialization is in progress...
Normal end.
Press any key to continue . . . _
```

00000184.EPS

5. **Press the <Enter> key.**

➔ After about 20 seconds, the system completes image database initialization.

◆ NOTES ◆

If the following message appears, images included in the image database have not been initialized accordingly.

It failed in initialized DB.

Make sure that MSDE has been running and images are not accumulated on the image output queue.

- *To start up MSDE*
  ➔ *Restart the PC and make sure that the icon is displayed in the task tray.*
- *When images are accumulated on the image output queue*
  ➔ *Delete images accumulated on the output queue.*

☞ ***“8.2 Clearing the Contents of the Image Output Queue” under “MU: Maintenance Utility”***

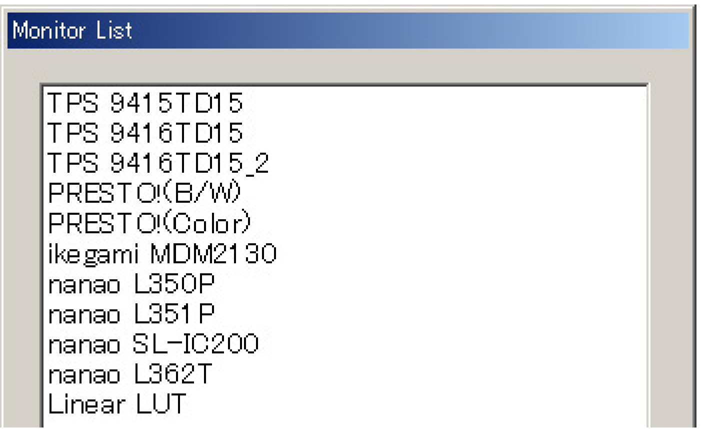
6. **The same message as that appears in step 4. above (“Press any key to continue...”) will reappear here. Press the <Enter> key.**

➔ The system returns to the “ImageDB Initialization” window.

13. Display Optimization (LUT file settings)

ALL

With [LUT] of the Service Utility, install an LUT file that matches the display characteristics.


Monitor List

TPS 9415TD15
TPS 9416TD15
TPS 9416TD15_2
PRESTO!(B/W)
PRESTO!(Color)
ikegami MDM2130
nanao L350P
nanao L351P
nanao SL-IC200
nanao L362T
Linear LUT

RI000106.EPS

- TPS 9415 TD15 : 15" LCD monitor with a touch panel (model TPS9415TD15/G2)
- TPS 9416 TD15 : 15" LCD monitor with a touch panel (model TPS9416TD15/H2)
- TPS 9416TD15_2 : 15" LCD monitor with a touch panel (model TPS 9416TD15/H2-1)
- PRESTO! (B/W) : Super Resolution LCD Monitor SL-IC300 (monochrome)
- PRESTO! (Color) : Super Resolution LCD Monitor SL-IC500 (color)
- ikegami MDM2130 : Ikegami monitor (1k landscape type)
- nanao L350P : EIZO 15" LCD monitor with a touch panel (model L350P-TS)
- nanao L351P : EIZO 15" LCD monitor with a touch panel (model L351P-TS)
- nanao SL-IC200 : LCD Monitor SL-IC200
- nanao L362T : EIZO 15" LCD monitor with a touch panel (model L362T)
- Linear LUT : Linear (straight line) LUT

☞ **For details, see “4. Display Optimization - LUT” in “MU: Maintenance Utility”.**

14. Restoring the CL-Config ALL

The following 15 data are to be restored in the CL:

❍ Configuration Restore/Backup (IV. on the Service Utility main menu window)

Backs up or restores CL's setup data.
Files to be backed up or restored are as follows.

- SysConfig.mdb file (A00 or later)
  - System settings
  - Local printer settings
  - CSL settings
  - FINP settings
  - FRUP settings
  - QA process settings
- NetConfig.mdb file (A00 or later)
  - Connected equipment information table
  - Connection destination setup table
  - DicomPrint sort destination setup table
  - FINP compression ratio setting
  - Distribution code setting
- PN.mdb file (A00 or later)
  - PN (Person Name) settings
- McrDataFormat.mdb file (A00 or later)
  - Magnetic card format setting
- TagReplace.ini file (A02 or later)
  - Setup for DICOM tag replacement
- QACustom.mdb file (A02 or later)
  - Setup of display items on the QA window
- Selector.mdb file (A02 or later)
  - Selector setup
- TagLookup.ini file (A09 or later)
  - DICOM tag editing (for Siemens)
- FilmStrFmt.env file (A09 or later)
  - Film character definition
- BcrDataFormat.mdb file (A10 or later)
  - Barcode format setting
- ExposureResultLog.mdb file (A10 or later)
  - Setup for exposure result log output items
- MWMTagSetting.mdb file (A11 or later)
  - DICOM MWM C-FIND tag and internal data mapping setup information
- PConsoleSer.mdb file (V2.0 (B) or later)
  - Settings for PDA connection
- RejectComment.mdb file (V2.0 (B) or later)
  - Setting for comments on mis-exposed images
- CODEDSTB file (V1.0(C) or later)
  - Setting a distribution code for connection to the 9000 series equipment

➤ *IMPORTANT*

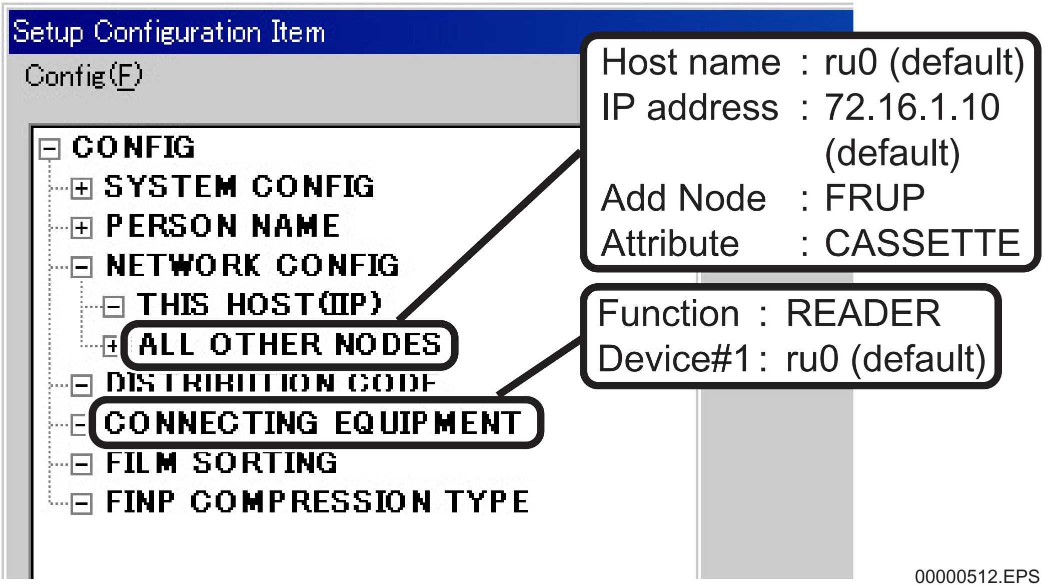
Data to be restored must be of the same software versions. Restoring data of different software versions will disable the software to be operated correctly. Note, however, that the following can be restored correctly.

- *Restoring the A02 version data to A03*
- *Restoring the A04 or A05 version data to A06*

◆ NOTES ◆

If no backup data is available, restore the configuration settings as follows.

❍ *Restoring the RU (one RU connection) configuration ("NETWORK CONFIG"*
- *"ALL OTHER NODES" and CONNECTING EUIPMENT)*



Setup Configuration Item
Config(F)

- CONFIG
  - SYSTEM CONFIG
  - PERSON NAME
  - NETWORK CONFIG
    - THIS HOST(IP)
    - ALL OTHER NODES
  - DISTRIBUTION CODE
  - CONNECTING EQUIPMENT
  - FILM SORTING
  - FINP COMPRESSION TYPE

Host name : ru0 (default)
IP address : 72.16.1.10 (default)
Add Node : FRUP
Attribute : CASSETTE

Function : READER
Device#1 : ru0 (default)

00000512.EPS

❍ ***Restoring configuration for connection to the XG-1 RU (two or more RUs connected)***

☞ *"4.7 Setup for RU (XG-1 RU) Connection" under "IN-B: Installation – Connection to Two or More RUs, 5000 plus and CR-IR356/357/362/363/364/366/ 367/368"*

❍ ***Restoring configuration for connection to the 5000 plus***

☞ *"4.6 Configuration Setting for IR (5000 plus series) Connection" under "IN-B: Installation – Connection to Two or More RUs, 5000 plus and CR-IR356/357/362/363/364/366/367/368"*

❍ ***Restoring configuration for connection to the CR-IR35X/36X***

☞ *"4.8 Setup for CR-IR356/357/36X Connection" under "IN-B: Installation - Connection to Tow or More RUs, 5000 plus and CR-IR356/357/362/363/364/366/367/368"*

❍ ***Restoring the CL system configuration (available common to XG-1 RU/5000 plus/CR-IR35X/36X/9000 series)***

☞ *"5.3 Setup with Service Utility" in "IN-A: Installation – Connection to One XG-1 RU or CR-IR 355RU/356/357"*

☞ *"4.2 Setup for the CL with the Service Utility" under "IN-B: Connection to Two of More RUs, 5000 plus and CR-IR356/357/362/363/364/366/367/368"*

❍ ***Restoring configuration for connection to other equipment (available common to XG-1 RU/5000 plus/CR-IR35X/36X/9000 series)***

☞ *"2. Software Setup" in "OE: Connecting the CL to Other Equipment"*

❍ ***Restoring the barcode reader and magnetic card reader configuration (available common to XG-1 RU/5000 plus/ CR-IR35X/36X/9000 series)***

☞ *"Appendix 3 Connecting the Barcode Reader [Option]" and "Appendix 4 Setting Up the Magnetic Card [Option]" in "Appx IN: Installation – Appendix*

❍ ***Setting dummy nodes (available common to XG-1 RU/5000 plus/ CR-IR35X/36X/9000 series)***

1. **Insert the FD that stores a CL-Config backup into the FDD.**

2. **Start the Service Utility mode.**

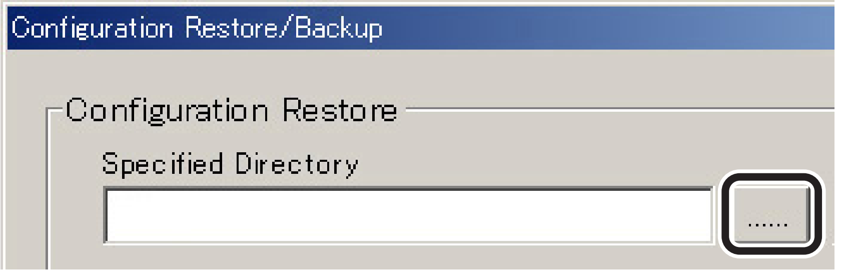
☞ **For details on the Service Utility mode startup procedure, see "1. Starting/Exiting the Service Utility" in "MU: Maintenance Utility".**

➔ The main menu appears.

3. **Click** Configuration Restore/Backup **.**

➔ The "Configuration Restore/Backup" window opens.

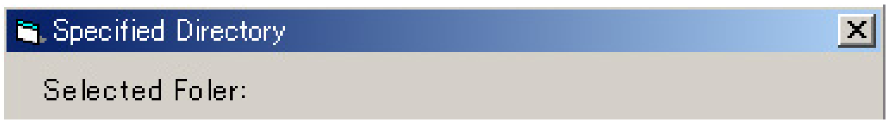
4. **Click** ...... **in the Configuration Restore area.**



Configuration Restore/Backup
Configuration Restore
Specified Directory
......

00000349.EPS

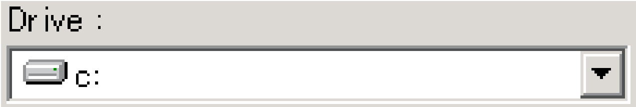
➔ The "Specified Directory" window opens.



Specified Directory
Selected Foler:

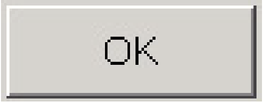
00000350.EPS

5. **Click the downward arrow mark** ▼ **within**



Drive :
c:

, and then choose a: **.**

6. **Click**  **.**

➔ You are then returned to the “Configuration Restore/Backup” window.

7. **Click** **.**

8. **If the three backup FDs are to be used for the file restore procedure, change the first FD to the second FD and follow steps 3 through 7 to restore file data of the second FD. Change then it to the third FD and follow steps 3 through 7 again to restore file data of the third FD.**

◆ NOTES ◆

- *Even when the restore process ends, no message appears to indicate it. While the restore process is being performed, the mouse cursor is replaced by the “⌛” mark. When the “⌛” mark changes back to the mouse cursor, it means that the restore process is ended.*

  Note, however, that the “⌛” mark appears only when the mouse cursor is positioned within the Configuration Restore/Backup window.
- *Before removing the FD, check to see that the FD drive access lamp is distinguished.*

9. **Remove the FD from the FDD.**

15. Creating the FTP Server

RU **35X** **36X**

Perform the following procedures to prepare on the CL's HDD the FTP server to be viewed by the XG-1 RU and CR-IR35X/36X.

The FTP server can be created by installing the IIS manager.

◆ **NOTE** ◆

For RU-CL N:N connection (when two or more CLs are connected), create the FTP server only for the CL that will serve as the RU master-IIP.

➥ ***REFERENCE***

The IIS manager is a program used for creating an FTP server and comes with the OS (Windows 2000/XP).

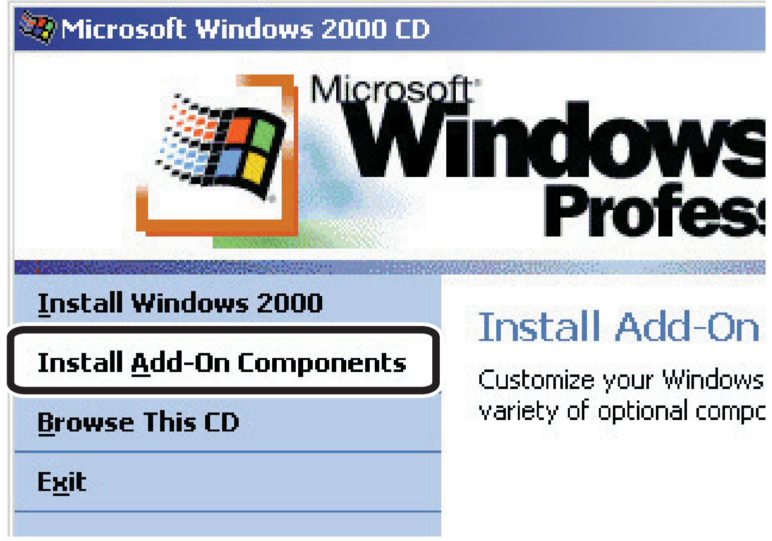
1. Insert the Windows 2000/XP reinstallation CD into the CD-ROM drive.

➥ ***REFERENCE***

When the Dell OptiPlex GX110 is employed as the PC, use the "Dell Product Recovery CD".

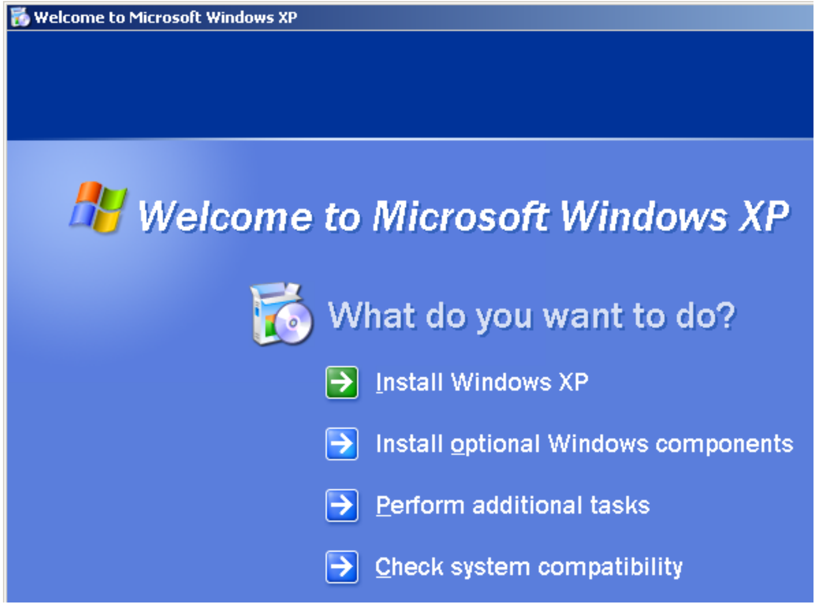
➔ The "Microsoft Windows 2000/XP CD" window opens.

- Windows 2000


Microsoft Windows 2000 CD
Microsoft Windows Profes
Install Windows 2000
Install Add-On Components
Browse This CD
Exit
Install Add-On
Customize your Windows
variety of optional compc

00000140.EPS

- Windows XP


Welcome to Microsoft Windows XP
Welcome to Microsoft Windows XP
What do you want to do?
Install Windows XP
Install optional Windows components
Perform additional tasks
Check system compatibility

RI0000358.EPS

2. **Perform the following settings.**

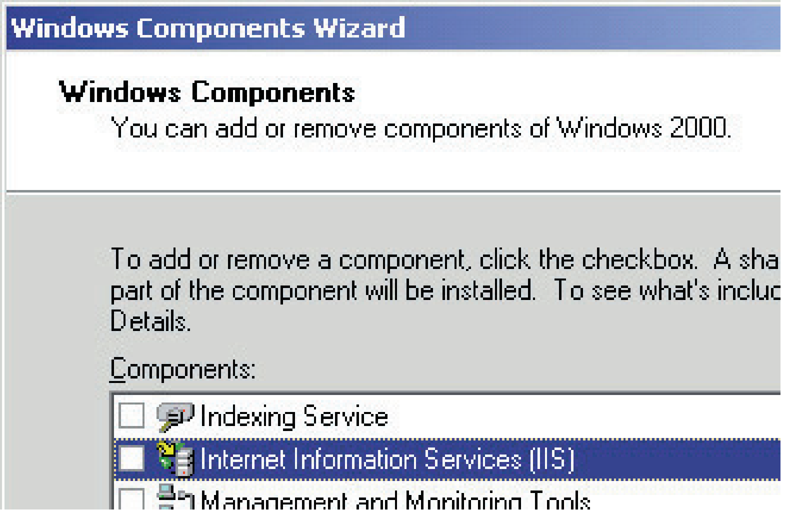
- For Windows 2000

  Click **Install Add-On Components**.

- For Windows XP

  Click **Install optional Windows components**.

→ The "Windows Components Wizard" window opens.



Windows Components Wizard

Windows Components
You can add or remove components of Windows 2000.

To add or remove a component, click the checkbox. A sha
part of the component will be installed. To see what's incluc
Details.

Components:

☐ Indexing Service
☐ Internet Information Services (IIS)
☐ Management and Monitoring Tools

00000141.EPS

3. **Perform the following settings.**

- For Windows 2000

  Place a checkmark to ☐ Internet Information Services (IIS)

  (☐ → ☑) and click Next >.

  → Installation processing will start.
  After a few minutes, a message appears to indicate that installation processing has been completed.

- For Windows XP
  - Place a checkmark to ☐ Internet Information Services (IIS)

    (☐ → ☑) and click Details....

    → The "Internet Information Service (IIS)" window opens.
  - Place a checkmark to ☐ File Transfer Protocol (FTP) Service

    (☐ → ☑) and click OK.

    → The system returns to the "Windows Components Wizard" window.
  - Click Next >.

    → Installation processing will start.
    After a few minutes, a message appears to indicate that installation processing has been completed.

4. **Click** Finish.

→ The system returns to the "Microsoft Windows 2000 CD/XP" window.

5. **Click** Exit.

→ The system returns to the desktop screen.

6. **Remove the CD from the CD-ROM drive.**

◆ NOTE ◆

When Windows XP SP2 was installed in "2. Installing and Setting Up the OS", and the FTP server was created in accordance with the procedure described in this chapter before performing "4. Installing MSDE and Its Service Pack", return to "4. Installing MSDE and Its Service Pack" to install the software.

☞ ***Return to "4. Installing MSDE and Its Service Pack".***

16. CR-IR346RU Settings

RU

To perform CR-IR346RU (XG-1 RU) software settings, be sure to observe the procedures shown in the flow below.

◆ NOTE ◆

For RU-CL N:N connection (when two or more CLs are connected), perform CR-IR346RU-related settings only for the CL that will serve as the XG-1 RU master-IIP.

16.1 Installing the RU M-Utility

16.2 Setting Up the FTP Server

16.3 Installing the RU-AP and Restoring the RU-Config

16.1 Installing the RU M-Utility

The RU M-Utility is a utility (also referred to as the FCR TOOL) that exercises RU-AP installation, RU-Config setup, data backup, and other functions.

For the operations of the CL and RU, it is necessary that the RU M-Utility be installed in the CL.

☞ **For the RU M-Utility installation procedure, see “5.2.1 Installing the RU M-Utility” in “IN-A: Installation – One RU Connection”.**

16.2 Setting Up the FTP Server

To set up the FTP server, use the IIS manager to specify the location (directory) where the RU saves configuration and other data.

Communications between the CL and the RU will not be enabled if the location for saving the data is not specified on the directory.

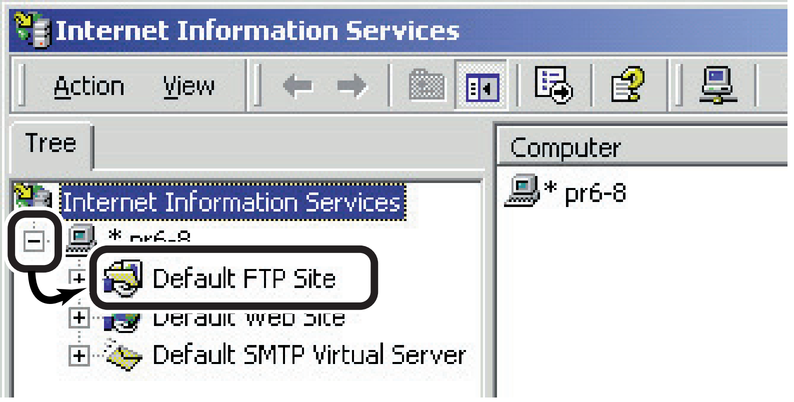
1. In the "Control Panel" window, double-click Administrative Tools.

➔ The "Administrative Tools" window opens.

2. Double-click Internet Servic... .

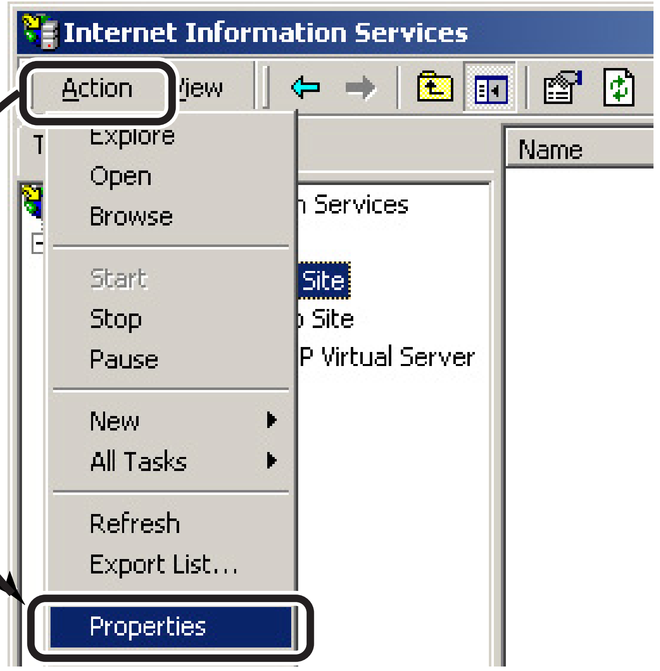
➔ The "Internet Information Services" window opens.

3. Click the ⊞ sign to the left of the CL's host name and then select Default FTP Site.


Internet Information Services
Action
View
Tree
Computer
Internet Information Services
* pr6-8
Default FTP Site
Default Web Site
Default SMTP Virtual Server
* pr6-8

00000151.EPS

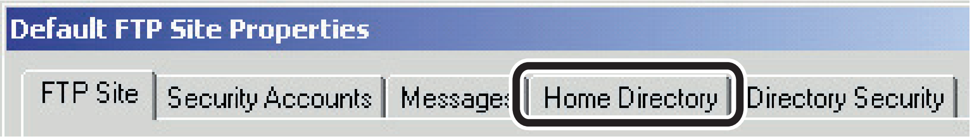
4. From the "Action" menu, choose "Properties".


Internet Information Services
Action
View
Name
Explore
Open
Browse
Start
Stop
Pause
New
All Tasks
Refresh
Export List...
Properties
Services
Site
Site
P Virtual Server

00000460.EPS

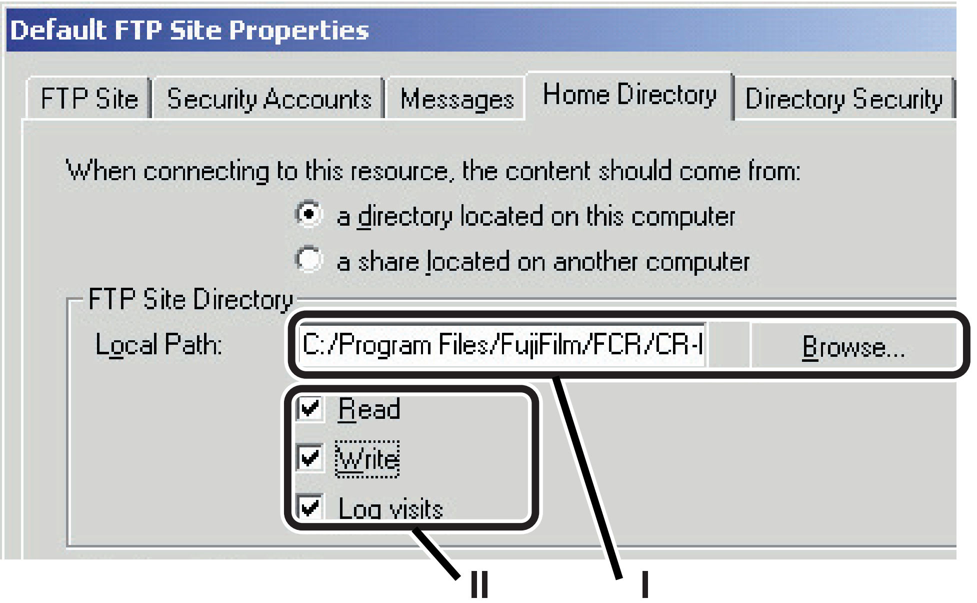
➔ The "Default FTP Site Properties" window opens.

5. Click the "Home Directory" tab.


Default FTP Site Properties
FTP Site
Security Accounts
Messages
Home Directory
Directory Security

00000152.EPS

6. **Enter settings as directed below:**



Default FTP Site Properties

When connecting to this resource, the content should come from:

● a directory located on this computer

○ a share located on another computer

FTP Site Directory

Local Path: C:/Program Files/FujiFilm/FCR/CR-I

☑ Read

☑ Write

☑ Log visits

00000153.EPS

I. Click Browse... to select directory of "C:\Program Files\FujiFilm\FCR\CR-IR346".

II. Check ☑ Read ☑ Write ☑ Log visits (so that ☐ changes to ☑).

7. **Click Apply and then click OK.**

➔ The system returns to the "Internet Information Services" window.

8. **The next step is to check whether the FTP server is operating normally. From the "Start" menu, choose "Programs", "Accessories", and then "Command Prompt".**

➔ The "Command Prompt" window opens.

9. **Type in "ftp 127.0.0.1" and then press the <Enter> key.**

➔ A message appears to prompt for user name input.

```
---------------------------------------------------
Connected to 127.0.0.1.
220 iip-1 microsoft FTP Service (Version 5.0).
User(127.0.0.1:(none)):_
---------------------------------------------------
```

10. **Type in "cr-ir346" and then press the <Enter> key.**

➔ A message appears to prompt for password input.

```
---------------------------------------------------
331 Password required for cr-ir346.
Passwaord:_
---------------------------------------------------
```

11. **Type in "cr-ir346" and then press the <Enter> key.**

◆ NOTE ◆

Even when you enter the password, nothing appears on the display.

➔ The following message appears when you successfully log into the FTP server:

```
---------------------------------------------------
230 User cr-ir346 logged in.
ftp>_
---------------------------------------------------
```

◆ NOTE ◆

If the above message does not appear, it means that the FTP server is not properly set up. In such an instance, perform steps 12. and 13. and then repeat the whole FTP server setup procedure beginning with step 1.

12. **Type in "bye" and then press the <Enter> key.**

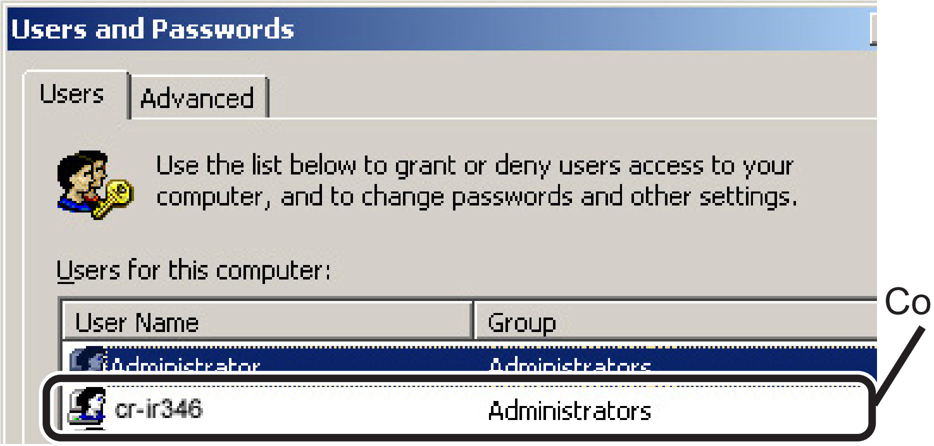
13. **Close the “Command Prompt” window.**

➥ REFERENCE
[registration of the FTP user (user name: cr-ir346)]

For the RU to access the FTP, both the login name and the password are required. For the CL operation, no such settings are required because both the login name and the password are set up automatically.

Use the procedure below to check the setup data.

1. *Click the “Users and Passwords” icon in the Control Panel.*
   ➔ The “Users and Passwords” window opens.
2. *Make sure that the “cr-ir346” user name has been registered to the Administrators group.*



Use the list below to grant or deny users access to your computer, and to change passwords and other settings.

Users for this computer:

User Name	Group
Administrator	Administrators
cr-ir346	Administrators

Confirm.

00000461.EPS

16.3 Installing the RU-AP and Restoring the RU-Config

First, install the RU-AP in the CL, and then restore the RU-Config. To do this, use the RU M-Utility and perform the procedures set forth in this section.

➤ IMPORTANT

If the CL’s IP address written in the RU-Config backup is other than 172.16.1.20, you must pay due attention to the procedure that you perform immediately after RU-AP installation.

Be sure to restore the RU-Config immediately after RU-AP installation. Before restoring it, never restart the CL-AP or PC.

The FTP server’s RU-Config data reverts to the default values when the RU-AP is installed. Since the RU-Config in the RU’s FLASH ROM is updated to the default data if the CL-AP is started up with the FTP server RU-Config reverted to the default, the RU will result in losing track of the CL.

◆ NOTE ◆

Before installing the RU-AP, turn ON the RU power.

■ Installing the RU-AP (procedure applicable to RU-AP version A07 or later)

☞ **For the RU-AP installation procedure, see “5.2.2 Installing the RU-AP” in “IN-A: Installation – One RU Connection”.**

■ Restoring the RU-Config

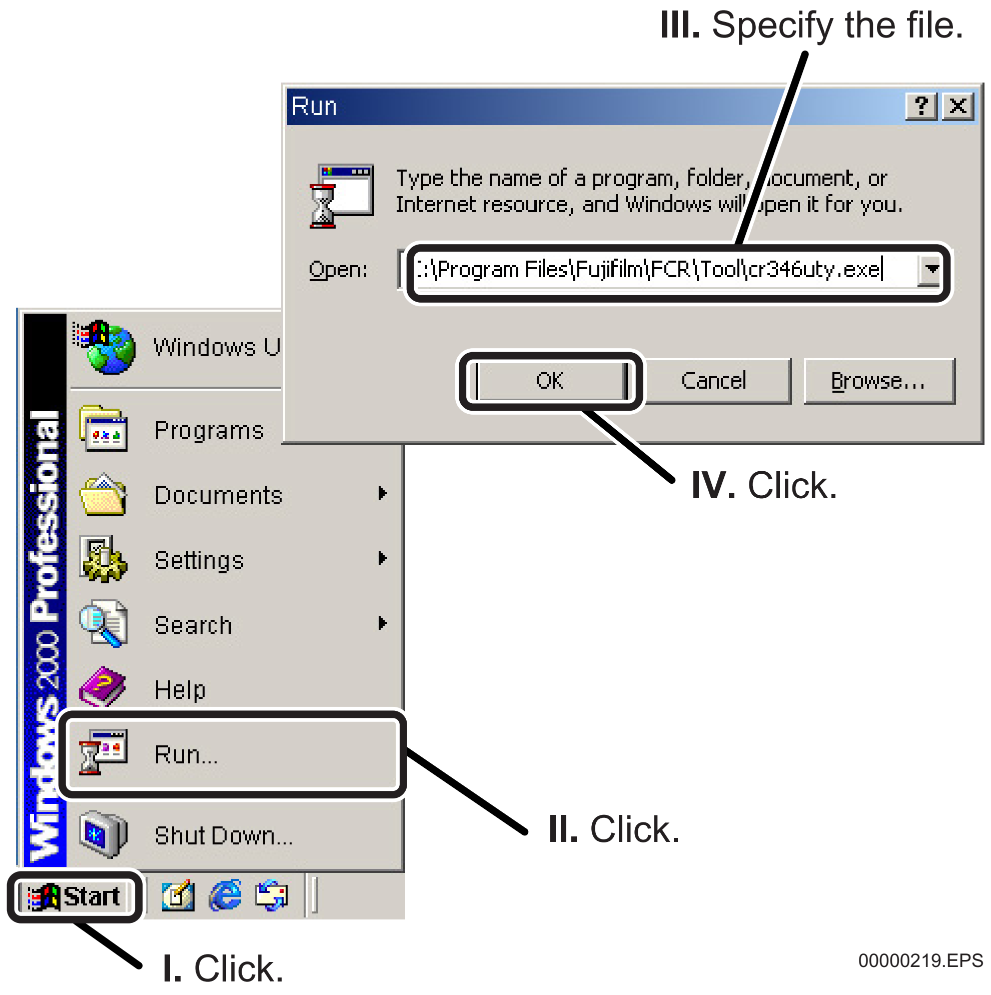
Perform the procedure set forth below to restore the RU configuration file.

➥ *REFERENCE*

The scanner data, which was backed up at the time of installation, need not be restored unless the FLASH ROM of the RU main unit becomes defective.

1. **Have on hand the FD on which the RU-Config was backed up. Insert this FD into the FDD.**

2. **Start the RU M-Utility as directed below.**



III. Specify the file.

Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open: :\Program Files\Fujifilm\FCR\Tool\cr346uty.exe

IV. Click.

II. Click.

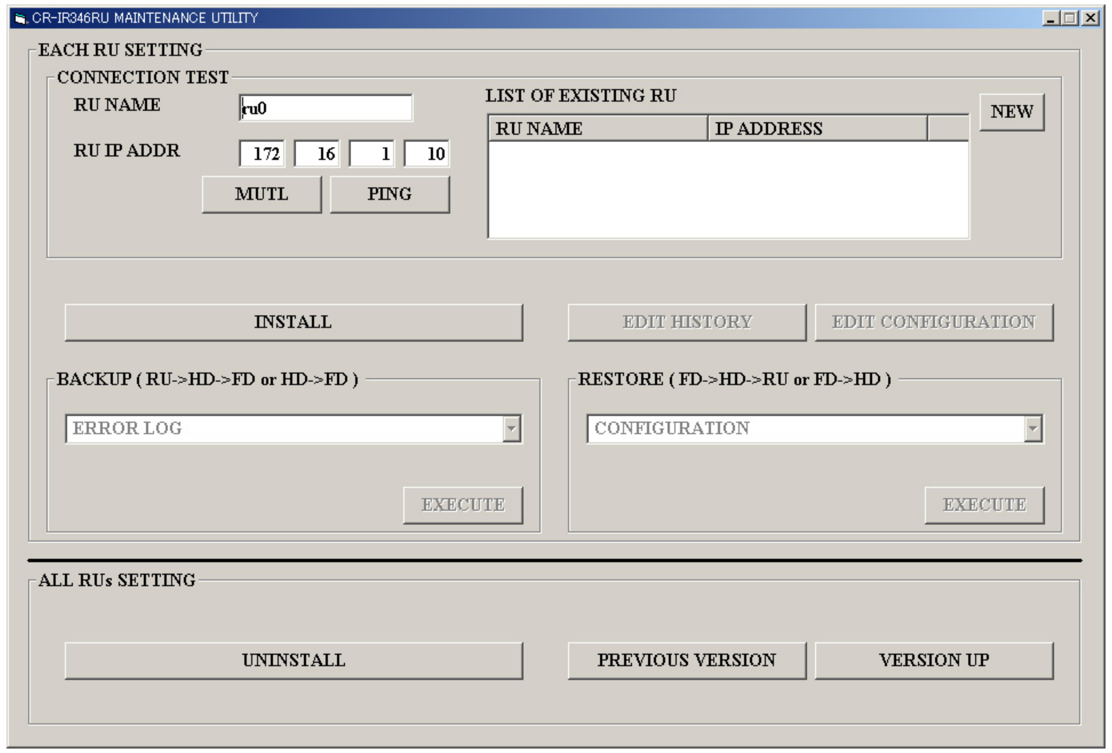
I. Click.

Run
OK
Cancel
Browse...
Windows Update
Programs
Documents
Settings
Search
Help
Run...
Shut Down...
Start
Windows 2000 Professional

00000219.EPS

➔ The RU M-Utility main menu opens.

● Main menu window



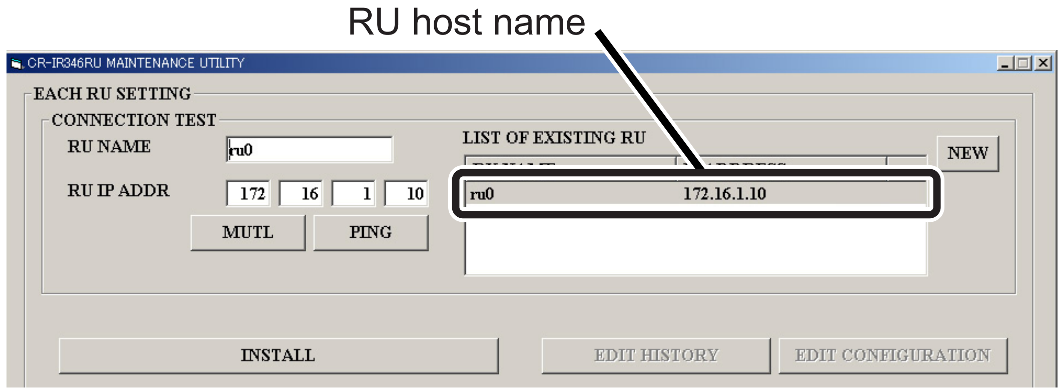
RU NAME: ru0

RU IP ADDR: 172 16 1 10

CR-IR346RU MAINTENANCE UTILITY
EACH RU SETTING
CONNECTION TEST
MUTL
PING
LIST OF EXISTING RU
RU NAME
IP ADDRESS
NEW
INSTALL
EDIT HISTORY
EDIT CONFIGURATION
BACKUP (RU->HD->FD or HD->FD)
ERROR LOG
EXECUTE
RESTORE (FD->HD->RU or FD->HD)
CONFIGURATION
EXECUTE
ALL RUs SETTING
UNINSTALL
PREVIOUS VERSION
VERSION UP

00000215.EPS

3. **In the "LIST OF EXISTING RU" area, click the host name of the RU to be restored.**



RU host name

RU NAME: ru0

RU IP ADDR: 172 16 1 10

LIST OF EXISTING RU: ru0 172.16.1.10

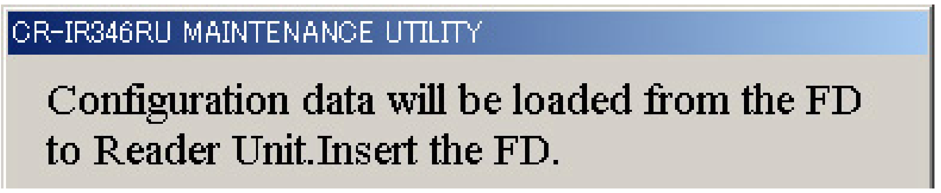
CR-IR346RU MAINTENANCE UTILITY
EACH RU SETTING
CONNECTION TEST
MUTL
PING
NEW
INSTALL
EDIT HISTORY
EDIT CONFIGURATION

00000434.EPS

➔ The pull-down menu for the RESTORE (FD->HD->RU or FD->HD) field and the "EXECUTE" button change their color from gray to black.

4. **Note the RESTORE (FD->HD->RU or FD->HD) field to verify that CONFIGURATION is selected, and then click EXECUTE.**

➔ A confirmation window opens.



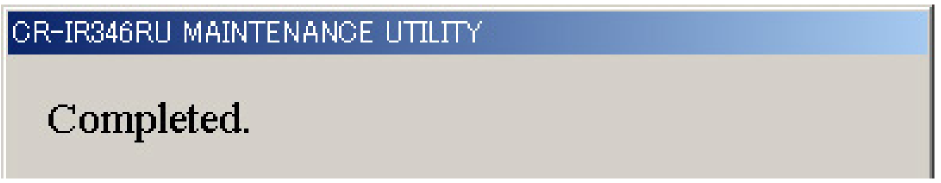
CR-IR346RU MAINTENANCE UTILITY

Configuration data will be loaded from the FD to Reader Unit.Insert the FD.

00000351.EPS

5. **Click LOAD.**

➔ The RU-Config is then restored in the FTP server. A window opens to indicate the end of the restore process.



CR-IR346RU MAINTENANCE UTILITY

Completed.

00000352.EPS

6. **Click OK.**

➔ The system returns to the RU M-Utility main menu.

7. **Click the X mark at the upper right corner of the window.**

➔ The system returns to the desktop screen.

8. **From the Start menu, select sequentially “Programs”, “FujiFilm” and “FCR”.**

➔ The CL-AP starts up.
The RU fetches the RU-Config in the FTP server to overwrite the RU-Config in the FLASH ROM.

➥ *REFERENCE*

No problem arises even when the RU-Config in the FLASH ROM is overwritten in the above manner.

As far as the FTP server data is the same as the data in the RU’s FLASH ROM, the latter data is not overwritten. However, when the RU-Config is restored, its date is updated. That is why the contents of the FLASH ROM are updated. The RU-Config setup data used to overwrite the FLASH ROM is identical with the data that was backed up.

17. CR-IR35X/36X Settings

35X 36X

This section describes the software setup procedures for the CR-IR35X/36X.

◆ ***NOTE*** ◆

When two or more CLs are connected, perform the following procedures for only the CL unit that serves as the RU master IIP.

■ Installing the RU PC-TOOL

Install the CR-IR35X/36X's RU PC-TOOL on the CL PC.

☞ **For the installation procedure, see "IN: Installation" in the Service Manual of the CR-IR35X/36X.**

■ Setting the RU PC-TOOL

With the RU PC-TOOL, perform the application installation and configuration setup procedures for the CR-IR35X/36X.

☞ **For the installation and configuration setup procedures, see "IN: Installation" in the Service Manual of the CR-IR35X/36X.**

➥ ***REFERENCE***

You do not have to perform an FTP server setup procedure for the CR-IR35X/36X, because FTP server setup is automatically completed when you install the RU PC-TOOL. (However, the FTP server setup procedure must be performed for the XG-1 RU.)

18. Setting Up NetMeeting [Reference]

ALL

To perform a remote maintenance of the CL, set up NetMeeting by performing the procedures set forth below.

A client who is using the Synpase Web Query function on the CL with Windows XP must not install NetMeeting.
(This is because multiple images appear being overlapped with each other in the viewing dialog.)

Do not install NetMeeting if the user is using the Synapse Web Query function on the CL with Windows XP. (If it is installed, multiple images would appear being overlapped with each other in the viewing dialog.)

■ Installing NetMeeting

1. Perform the following settings.

- For Windows 2000

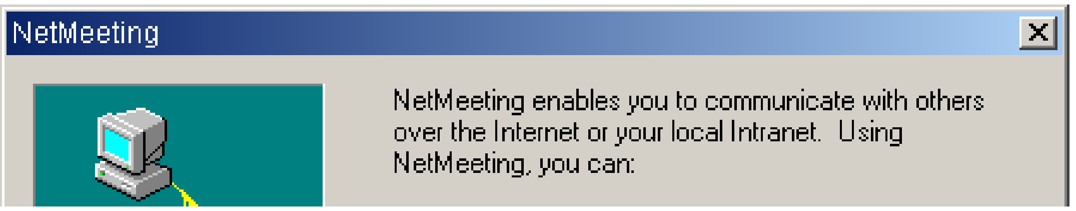
  From the [Start] menu, sequentially select “Programs”, “Accessories”, “Communication” and then “NetMeeting”.

  ➔ The “NetMeeting” window opens.

- For Windows XP
  - From the [Start] menu, select “Run...”.

    ➔ The “Run...” window opens.
  - Enter “conf.exe” in Open: ☐ and click OK.

    ➔ The “NetMeeting” window opens.



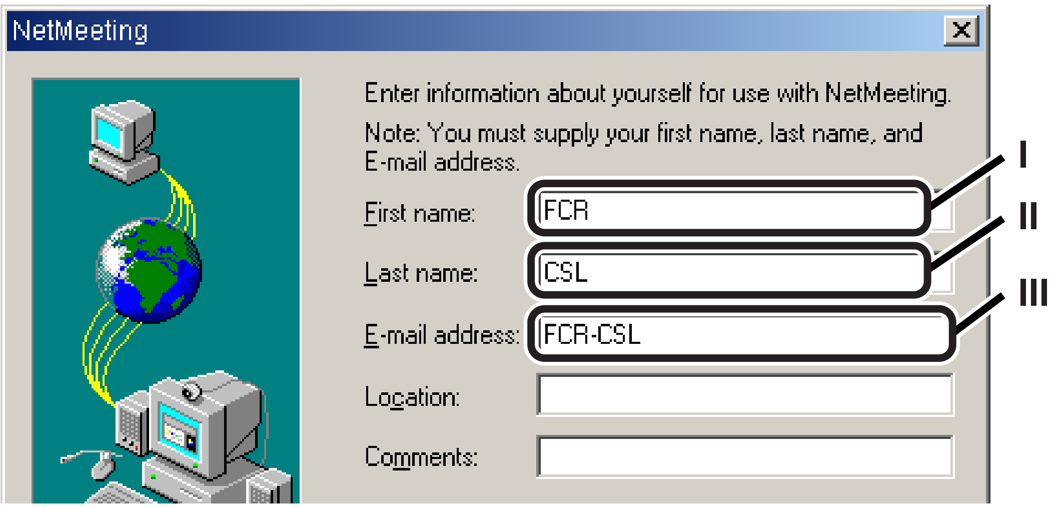
NetMeeting enables you to communicate with others over the Internet or your local Intranet. Using NetMeeting, you can:

00000355.EPS

2. Click Next >.

➔ A window opens, prompting you to enter user information.

3. Enter settings as directed below.



Enter information about yourself for use with NetMeeting.
Note: You must supply your first name, last name, and E-mail address.

First name: FCR
Last name: CSL
E-mail address: FCR-CSL
Location:
Comments:

00000356.EPS

I. Enter “FCR” in the First name: ☐ field.

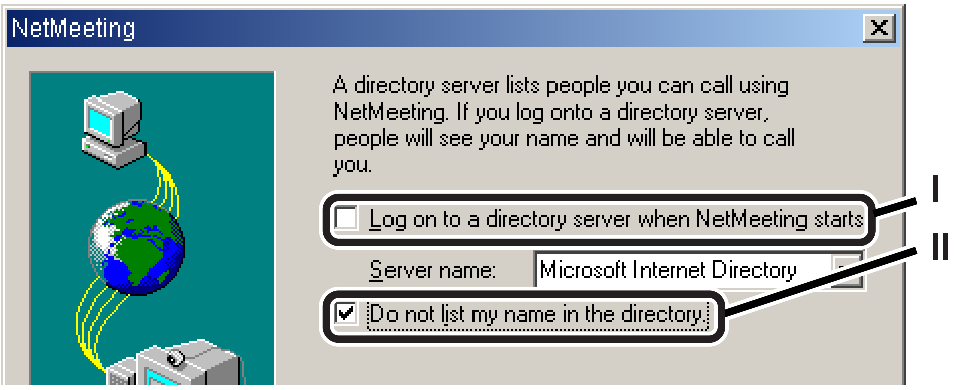
II. Enter “CSL” in the Last name: ☐ field.

III. Enter “FCR-CSL” in the E-mail address: ☐ field.

4. Click Next >.

➔ A window opens to prompt for director server setup.

5. Enter settings as directed below.



A directory server lists people you can call using NetMeeting. If you log onto a directory server, people will see your name and will be able to call you.

☐ Log on to a directory server when NetMeeting starts
Server name: Microsoft Internet Directory
☑ Do not list my name in the directory

00000357.EPS

I. Deselect (so that ☑ changes to ☐).

II. Check (so that ☐ changes to ☑).

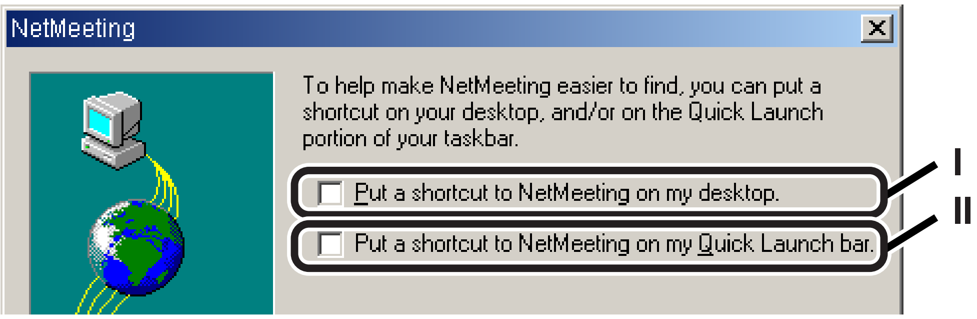
6. Click Next >.

➔ A window opens, prompting you to specify the network connection speed.

7. Click Next >.

➔ A window opens for shortcut creation.

8. **Enter settings as directed below.**


NetMeeting
I
II

To help make NetMeeting easier to find, you can put a shortcut on your desktop, and/or on the Quick Launch portion of your taskbar.

☐ Put a shortcut to NetMeeting on my desktop.

☐ Put a shortcut to NetMeeting on my Quick Launch bar.

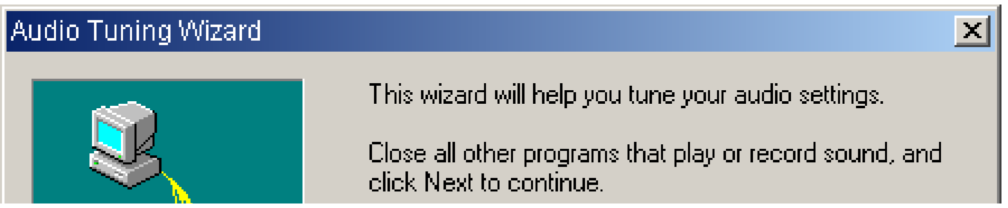
00000358.EPS

I. Deselect (so that ☑ changes to ☐).

II. Deselect (so that ☑ changes to ☐).

9. Click Next >.

➔ The “Audio Tuning Wizard” window opens.


Audio Tuning Wizard

This wizard will help you tune your audio settings.

Close all other programs that play or record sound, and click Next to continue.

00000359.EPS

10. Click Next >.

➔ A volume setup window opens.

11. Click Next >.

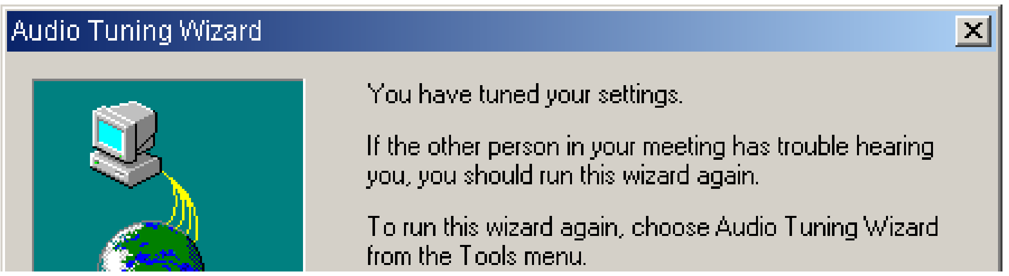
➔ A microphone setup window opens.

12. Click Next >.

➔ A message appears to indicate that no microphone is connected.

13. Click Next >.

➔ A window opens to indicate that audio setup is completed.


Audio Tuning Wizard

You have tuned your settings.

If the other person in your meeting has trouble hearing you, you should run this wizard again.

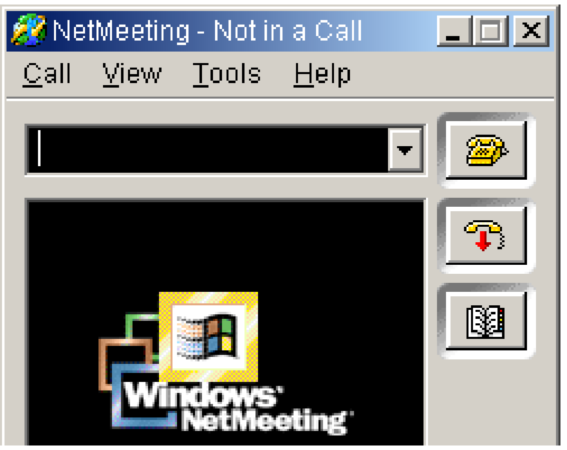
To run this wizard again, choose Audio Tuning Wizard from the Tools menu.

00000360.EPS

14. Click Next >.

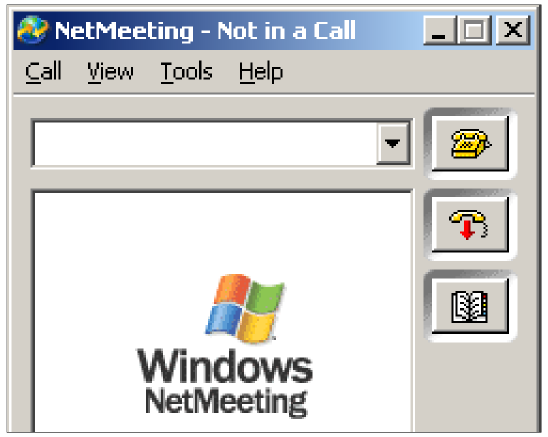
➔ NetMeeting starts up in about 15 seconds.

- For Windows 2000


NetMeeting - Not in a Call
Call
View
Tools
Help
Windows NetMeeting

00000361.EPS

- For Windows XP

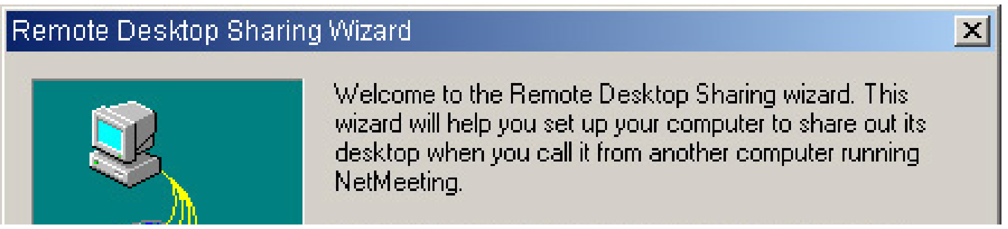

NetMeeting - Not in a Call
Call
View
Tools
Help
Windows NetMeeting

RI0000353.EPS

■ Setting remote desktop sharing

1. **From the “Tools” menu, choose “Remote Desktop Sharing”.**

   ➔ The “Remote Desktop Sharing Wizard” window opens.



Welcome to the Remote Desktop Sharing wizard. This wizard will help you set up your computer to share out its desktop when you call it from another computer running NetMeeting.

00000362.EPS

2. **Click Next >.**

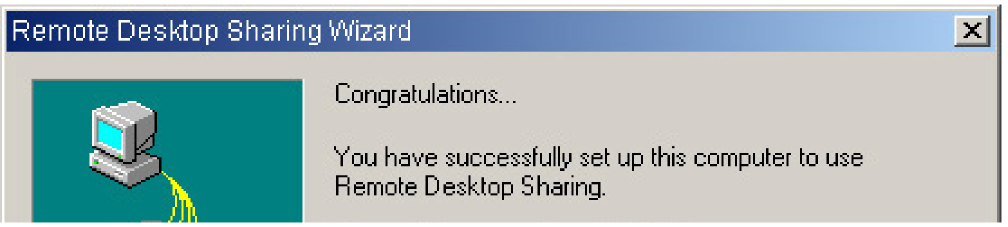
   ➔ A window opens to explain about the access rights to Remote Desktop Sharing.

3. **Click Next >.**

   ➔ A screen saver setup window opens.

4. **Turn ON the ● No, I will do this later. (so that ○ changes to ●), and then click Next >.**

   ➔ A window opens to indicate the end of setup.



Congratulations...

You have successfully set up this computer to use Remote Desktop Sharing.

00000363.EPS

5. **Click Finish.**

   ➔ The system returns to the “NetMeeting” window.

6. **From the “Call” menu, choose “Exit and Activate Remote Desktop Sharing”.**

   ➔ The system returns to the desktop screen.

19. IIS Network Virus Protection

ALL

To provide network virus protection, complete the following setup procedures for IIS.

- Suspending the Web service and SMTP server
- Disabling unnecessary accounts that can access the FTP service

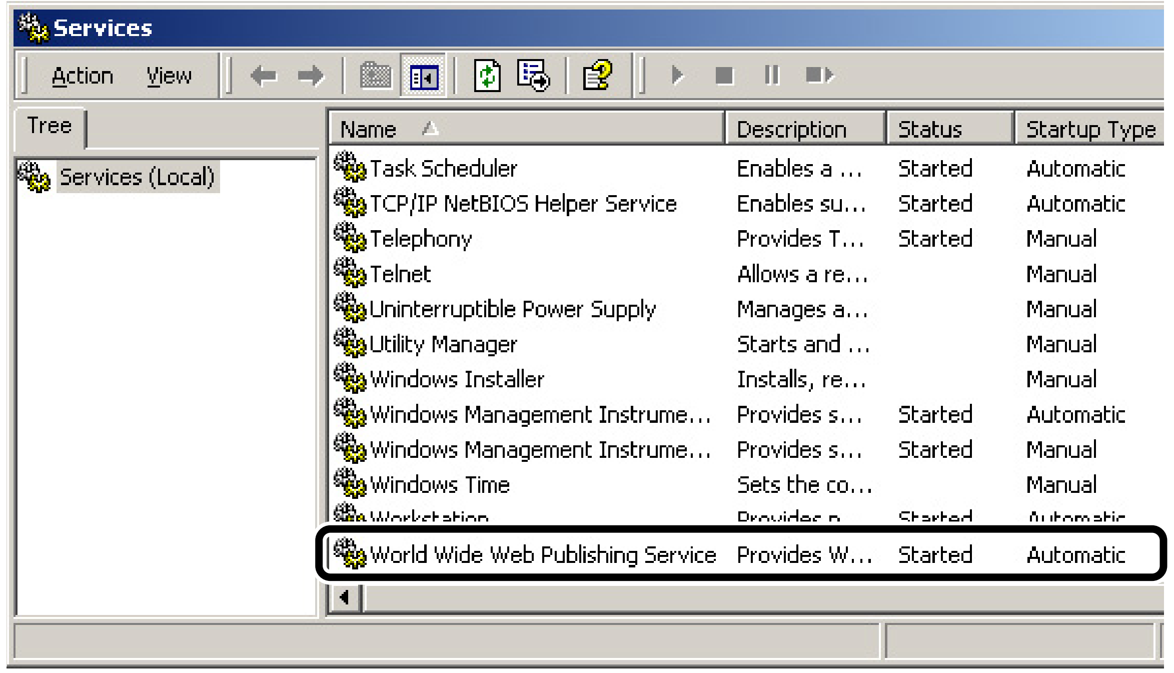
■ Suspending the Web service and SMTP server

1. **Click Start, point to “Settings”, and then click “Control Panel”.**
(For Windows XP, select “Control Panel” from the Start menu.)

2. **Double-click Administrative Tools and then Services.**

➔ The “Services” window opens.

3. **Double-click the service listing named “World Wide Web Publishing Service”.**

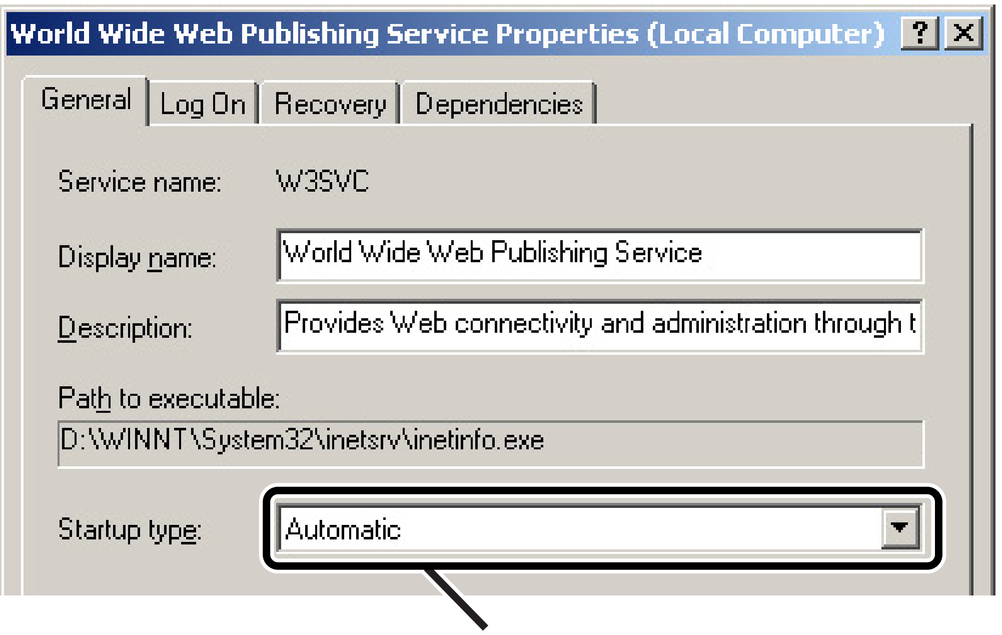


Name	Description	Status	Startup Type
Task Scheduler	Enables a ...	Started	Automatic
TCP/IP NetBIOS Helper Service	Enables su...	Started	Automatic
Telephony	Provides T...	Started	Manual
Telnet	Allows a re...		Manual
Uninterruptible Power Supply	Manages a...		Manual
Utility Manager	Starts and ...		Manual
Windows Installer	Installs, re...		Manual
Windows Management Instrume...	Provides s...	Started	Automatic
Windows Management Instrume...	Provides s...	Started	Manual
Windows Time	Sets the co...		Manual
Workstation	Provides n...	Started	Automatic
World Wide Web Publishing Service	Provides W...	Started	Automatic

RI000068.EPS

➔ The “World Wide Web Publishing Service Properties (Local Computer)” window opens.

4. **From the “Startup type” pull-down menu, choose “Disabled”.**


World Wide Web Publishing Service Properties (Local Computer)
?
General
Log On
Recovery
Dependencies

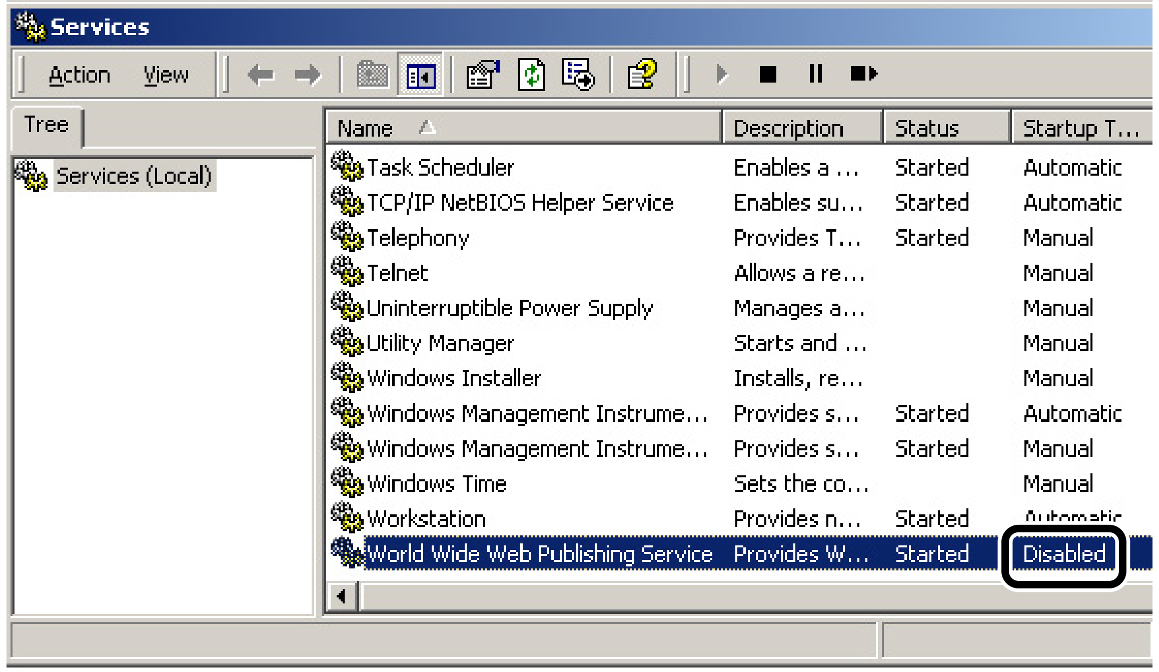
Service name: W3SVC
Display name: World Wide Web Publishing Service
Description: Provides Web connectivity and administration through t
Path to executable:
D:\WINNT\System32\inetsrv\inetinfo.exe
Startup type: Automatic

Choose "Disabled".

RI000069.EPS

5. **Click OK.**

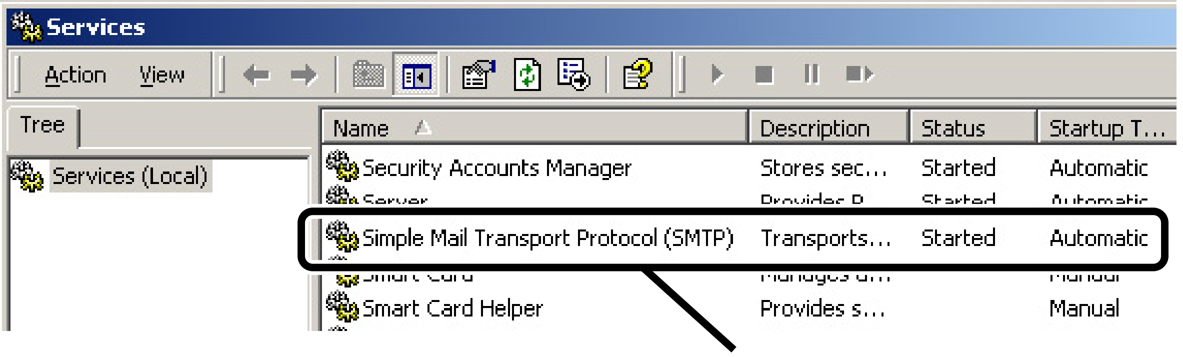
➔ The selection for the “Startup type” field changes from “Automatic” to “Disabled”.


Services
Action View
Tree
Services (Local)

Name	Description	Status	Startup T...
Task Scheduler	Enables a ...	Started	Automatic
TCP/IP NetBIOS Helper Service	Enables su...	Started	Automatic
Telephony	Provides T...	Started	Manual
Telnet	Allows a re...		Manual
Uninterruptible Power Supply	Manages a...		Manual
Utility Manager	Starts and ...		Manual
Windows Installer	Installs, re...		Manual
Windows Management Instrume...	Provides s...	Started	Automatic
Windows Management Instrume...	Provides s...	Started	Manual
Windows Time	Sets the co...		Manual
Workstation	Provides n...	Started	Automatic
World Wide Web Publishing Service	Provides W...	Started	Disabled

RI000070.EPS

6. **In the same manner as indicated in steps 3. through 5, disable “Simple Mail Transport Protocol (SMTP)” as well.**


Services
Action View
Tree
Services (Local)

Name	Description	Status	Startup T...
Security Accounts Manager	Stores sec...	Started	Automatic
Server	Provides P...	Started	Automatic
Simple Mail Transport Protocol (SMTP)	Transports...	Started	Automatic
Smart Card	Manages a...		Manual
Smart Card Helper	Provides s...		Manual

Disable this service.

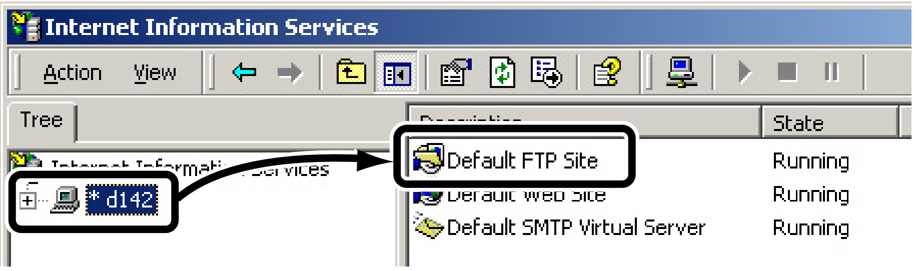
RI000071.EPS

■ Disabling unnecessary accounts that can access the FTP service

1. **In the “Control Panel” window, double-click Administrative Tools and then Internet Services Manager.**

➔ The “Internet Information Services” window opens.

2. **Click on the host name in the left-hand pane and then click on “Default FTP Site” in the right-hand pane.**


Internet Information Services
Action View
Tree
Internet Information Services
* d142

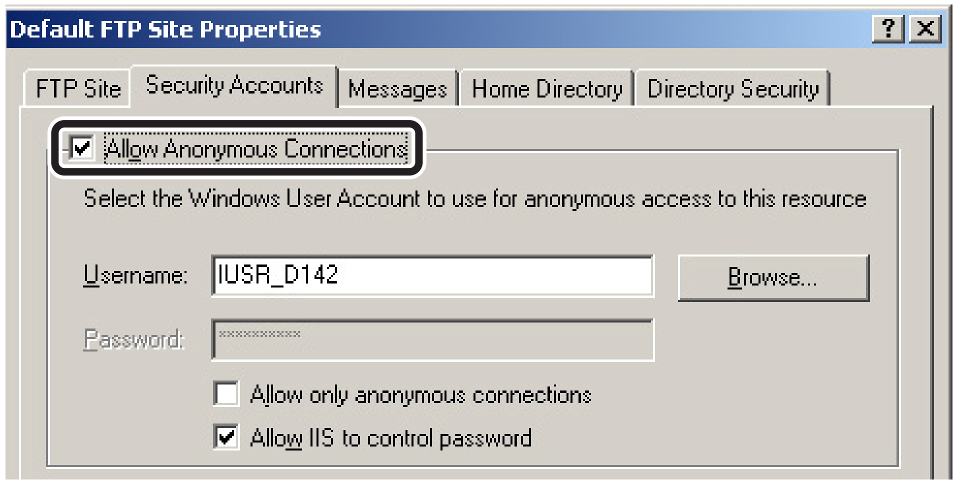
Description	State
Default FTP Site	Running
Default Web Site	Running
Default SMTP Virtual Server	Running

RI000072.EPS

3. **From the “Action” menu, choose “Properties”.**

➔ The “Default FTP Site Properties” window opens.

4. **Choose the “Security Accounts” tab and then uncheck “Allow Anonymous Connections” (☑ ➔ ☐).**


Default FTP Site Properties
? ×
FTP Site
Security Accounts
Messages
Home Directory
Directory Security
Browse...

☑ Allow Anonymous Connections

Select the Windows User Account to use for anonymous access to this resource

Username: IUSR_D142

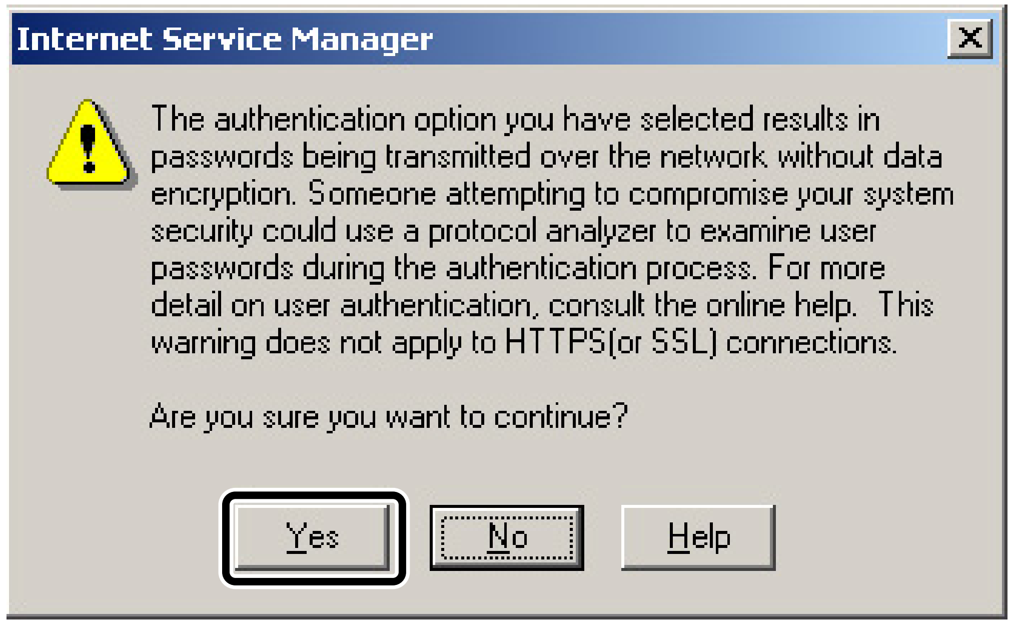
Password: **********

☐ Allow only anonymous connections

☑ Allow IIS to control password

RI000073.EPS

5. **When the confirmation dialog box opens, choose Yes.**



The authentication option you have selected results in passwords being transmitted over the network without data encryption. Someone attempting to compromise your system security could use a protocol analyzer to examine user passwords during the authentication process. For more detail on user authentication, consult the online help. This warning does not apply to HTTPS(or SSL) connections.

Are you sure you want to continue?

RI000074.EPS

6. **Click OK.**

   ➔ You are then returned to the “Internet Information Services” window.

7. **Close the “Internet Information Services” window and “Control Panel” window.**

8. **Restart the PC.**

20. Settings Necessary for Installation of Windows XP Service Pack 2

To protect the CL from the threat of network viruses and illegal access, Windows XP Service Pack 2 (hereinafter referred to as “SP2”) should be installed. Follow the steps below to perform settings necessary for installation of Windows XP SP2.

- CL-AP shutdown
- Windows XP SP2 installation
- Firewall settings

◆ NOTE ◆

Installation of Windows XP SP2 is performed provided that the CL has already been installed appropriately. If Windows XP SP2 was reinstalled for reason of a CL failure, for example, be sure to reinstall the CL and then install Windows XP SP2.

■ CL-AP shutdown

1. **Turn ON the PC power.**

   ➔ Windows starts running. The CL-AP starts running too in about one minute, displaying then the CL initial window.

2. **Within a period of three seconds after the CL initial window opens, sequentially click the upper left corner and then the upper right corner of the window.**

   ➔ The Service Utility starts and then the “Service Utility” window opens.

3. **Click [Exit Service Utility] at the lower right of the window.**

   ➔ The Service Utility will then shut down.

■ Windows XP SP2 installation

1. **Insert the Windows XP SP2 CD into the CD-ROM drive.**

   ➔ The “Windows XP Service Pack 2 Setup Wizard” window opens.

2. **Click Next >.**

   ➔ The software license agreement window opens.

3. **Place a checkmark to [I agree] (○ ➔ ●) and click Next >.**

   ➔ The “Select Options” window opens.

4. **Click Next >.**

   ➔ Installation of Windows XP SP2 starts.
   The “Completing the Windows XP Service Pack 2 Setup Wizard” window opens in about 22 minutes.

5. **Click Finish.**

   ➔ The computer restarts and then the “Help protect your PC” window opens.

6. **Place a checkmark to [Not rigth now] (○ ➔ ●) and click Next >.**

   ➔ The CL-AP starts.

7. **Shut down the CL-AP.**

   ☞ **For how to shut down the CL-AP, see steps 2 and 3 of “■ CL-AP shutdown”.**

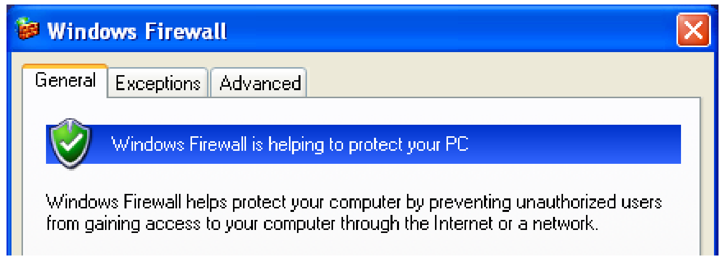
■ Firewall settings

The two types of settings, exceptional settings and communication protocol ICMP settings, are performed on the Firewall window.

● Exceptional settings

1. **Select "Control Panel" from the Start menu, and double-click "Windows Firewall".**

➔ The Windows Firewall window opens.

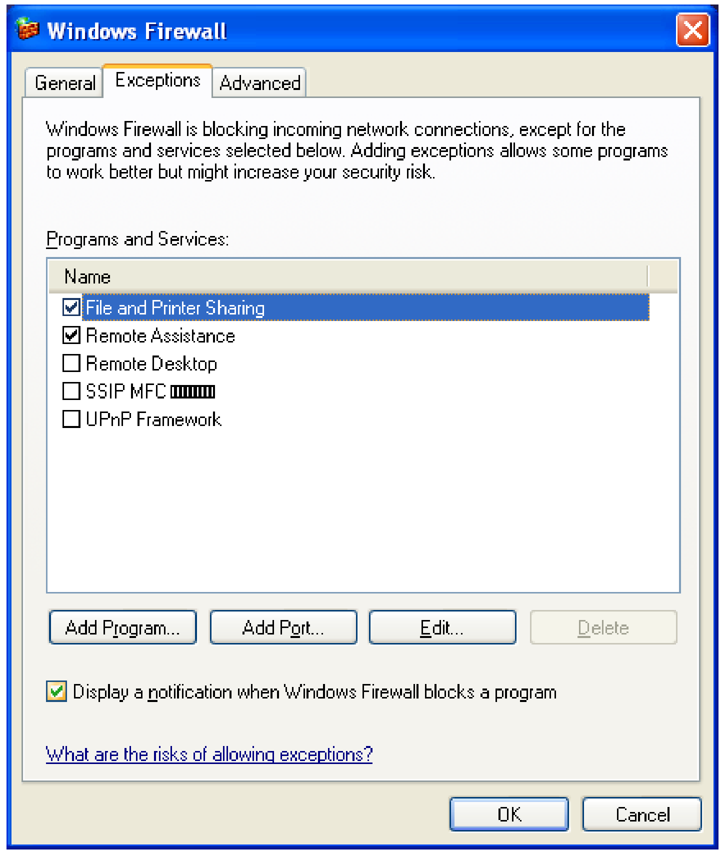

Windows Firewall
General
Exceptions
Advanced

Windows Firewall is helping to protect your PC

Windows Firewall helps protect your computer by preventing unauthorized users from gaining access to your computer through the Internet or a network.

200000001.EPS

2. **Select the "Exceptions" tab.**


Windows Firewall
General
Exceptions
Advanced
Programs and Services:
Name
Add Program...
Add Port...
Edit...
Delete
What are the risks of allowing exceptions?
OK
Cancel

Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.

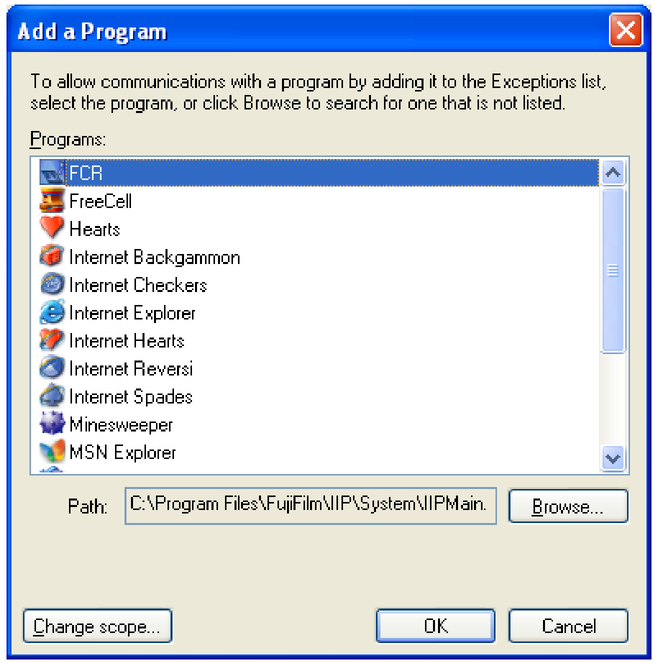
☑ File and Printer Sharing
☑ Remote Assistance
☐ Remote Desktop
☐ SSIP MFC
☐ UPnP Framework

☑ Display a notification when Windows Firewall blocks a program

200000002.EPS

3. **Click Add Program... .**

➔ The "Add a Program" window opens.


Add a Program
Programs:
FCR
FreeCell
Hearts
Internet Backgammon
Internet Checkers
Internet Explorer
Internet Hearts
Internet Reversi
Internet Spades
Minesweeper
MSN Explorer
Path:
Browse...
Change scope...
OK
Cancel

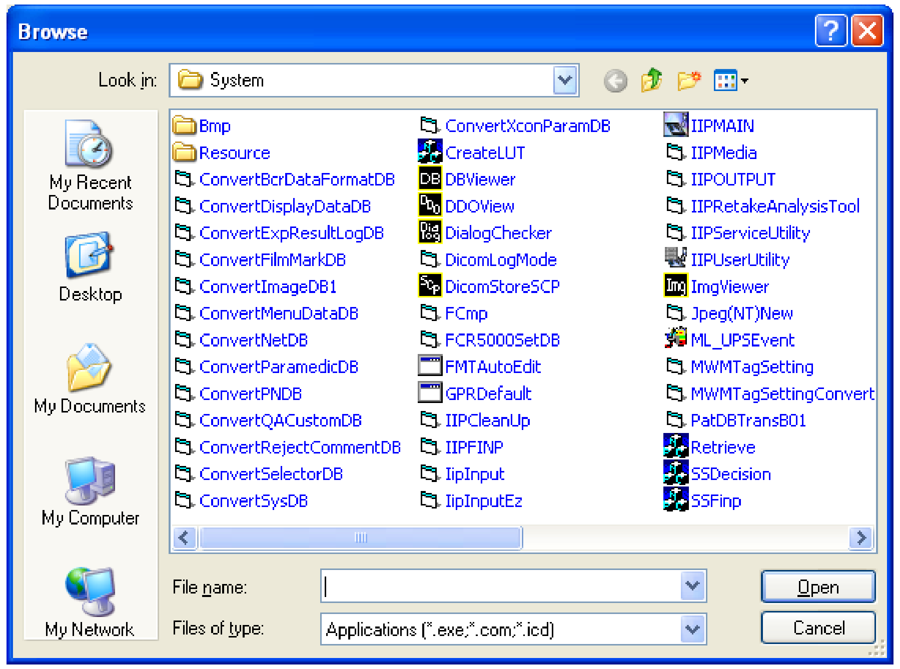
To allow communications with a program by adding it to the Exceptions list, select the program, or click Browse to search for one that is not listed.

Path: C:\Program Files\FujiFilm\IIP\System\IIPMain.

20000003.EPS

4. **Click Browse... .**

➔ The "Browse" window opens.


Browse
Look in:
System
My Recent Documents
Desktop
My Documents
My Computer
My Network
Bmp
Resource
ConvertBcrDataFormatDB
ConvertDisplayDataDB
ConvertExpResultLogDB
ConvertFilmMarkDB
ConvertImageDB1
ConvertMenuDataDB
ConvertNetDB
ConvertParamedicDB
ConvertPNDB
ConvertQACustomDB
ConvertRejectCommentDB
ConvertSelectorDB
ConvertSysDB
ConvertXconParamDB
CreateLUT
DBViewer
DDOView
DialogChecker
DicomLogMode
DicomStoreSCP
FCmp
FCR5000SetDB
FMTAutoEdit
GPRDefault
IIPCleanUp
IIPFINP
IipInput
IipInputEz
IIPMAIN
IIPMedia
IIPOUTPUT
IIPRetakeAnalysisTool
IIPServiceUtility
IIPUserUtility
ImgViewer
Jpeg(NT)New
ML_UPSEvent
MWMTagSetting
MWMTagSettingConvert
PatDBTransB01
Retrieve
SSDecision
SSFinp
File name:
Files of type:
Open
Cancel

Files of type: Applications (*.exe;*.com;*.icd)

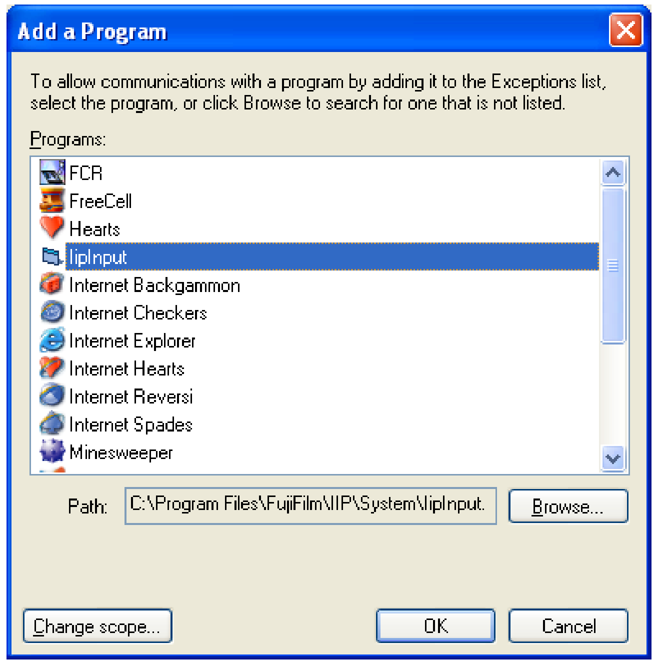
20000004.EPS

5. **If the “Browse” window includes any of the execution files (programs) listed below, select one of them and click Open.**

Table Execution file list

Execution file name	Remarks
C:\Program Files\fujifilm\IIP\System\IipInput.exe	
C:\Program Files\fujifilm\IIP\System\IipInputEz.exe	
C:\Program Files\fujifilm\IIP\System\IipMain.exe	
C:\Program Files\fujifilm\IIP\System\IipFinp.exe	
C:\Program Files\fujifilm\IIP\System\IipOutput.exe	
C:\Program Files\fujifilm\IIP\System\SSDecision.exe	
C:\Program Files\fujifilm\IIP\System\SSIpServer.exe	
C:\Program Files\fujifilm\IIP\System\SSFinp.exe	
C:\Program Files\fujifilm\IIP\System\SSXfer.exe	
C:\Program Files\fujifilm\IIP\System\DicomStoreSCP.exe	
C:\Program Files\fujifilm\IIP\System\IipMedia.exe	
C:\Program Files\FujiFilm\IIP\System\ML_UPSEvent.exe	
C:\Program Files\FujiFilm\IIP\System\IIPUserUtility.exe	
C:\Program Files\FujiFilm\IIP\System\IIPServiceUtility.exe	
C:\Program Files\fujifilm\FCR\TOOL\BmpServer\BmpServer.exe	For installing the RU PC-TOOL.
C:\Program Files\fujifilm\FCR\TOOL\InfoHostServer\InfoHostServer.exe	For installing the FCR-TOOL.
C:\Program Files\Microsoft ActiveSync\wcescomm.exe	When the POCKET id Console is used.
C:\Program Files\NetMeeting\conf.exe	
C:\WINDOWS\SYSTEM32\FTP.exe	
C:\WINDOWS\SYSTEM32\mnmsrvc.exe	
C:\WINDOWS\SYSTEM32\INETSRV\inetinfo.exe	For installing the client RU PC-TOOL.
C:\Program Files\FujiFilm\WOL\FF-WakeOnLAN.exe	When WakeOnLAN is used.
C:\Program Files\FujiFilm\WOL\FF-WakeOnLAN Utility.exe	When WakeOnLAN is used.
C:\Program Files\fujifilm\IIP\System\Retrieve.exe	For version V3.0 or later
C:\Program Files\fujifilm\IIP\System\IIPRetakeAnalysisTool.exe	For version V3.0 or later
C:\Program Files\fujifilm\IIP\System\IIPTRISScreen.exe	For version V3.1 or later
C:\Program Files\fujifilm\IIP\System\IdLoginExe.exe	For version V3.1 or later

➔ The “Add a Program” window then opens again.



Add a Program

To allow communications with a program by adding it to the Exceptions list, select the program, or click Browse to search for one that is not listed.

Programs:

- FCR
- FreeCell
- Hearts
- IipInput
- Internet Backgammon
- Internet Checkers
- Internet Explorer
- Internet Hearts
- Internet Reversi
- Internet Spades
- Minesweeper

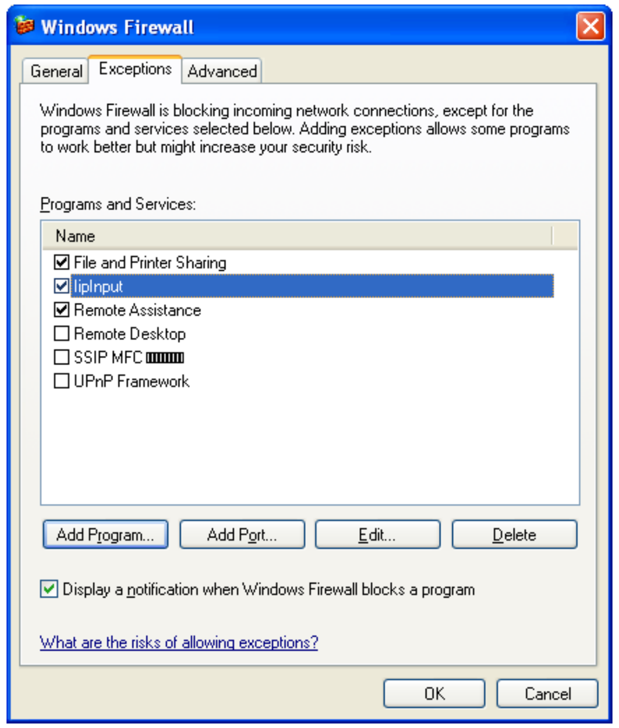
Path: C:\Program Files\FujiFilm\IIP\System\IipInput.

20000005.EPS

6. **Click OK with the program to be added being selected appropriately.**

➔ The system returns to the Windows Firewall window.

7. **Make sure that a checkmark is placed to the left of the added execution file displayed in the Programs and Services field.**



Windows Firewall

Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.

Programs and Services:

Name

☑ File and Printer Sharing
☑ IipInput
☑ Remote Assistance
☐ Remote Desktop
☐ SSIP MFC
☐ UPnP Framework

☑ Display a notification when Windows Firewall blocks a program

What are the risks of allowing exceptions?

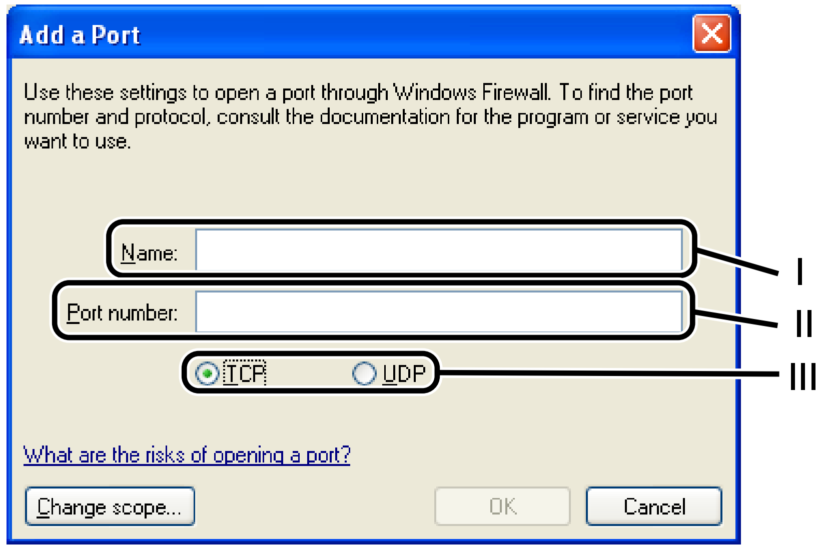
20000006.EPS

8. **Repeat steps 3 through 7 for the number for programs to be added.**

9. **Click** Add Port... **.**

➔ The “Add a Port” window opens.

10. **Add ports as instructed below.**


Add a Port
Name:
Port number:
● TCP ○ UDP
I
II
III
What are the risks of opening a port?
Change scope...
OK
Cancel

Use these settings to open a port through Windows Firewall. To find the port number and protocol, consult the documentation for the program or service you want to use.

20000007.EPS

I. Enter a port name in Name: .

II. Enter a port number in Port number: .

III. ○ ➔ ●

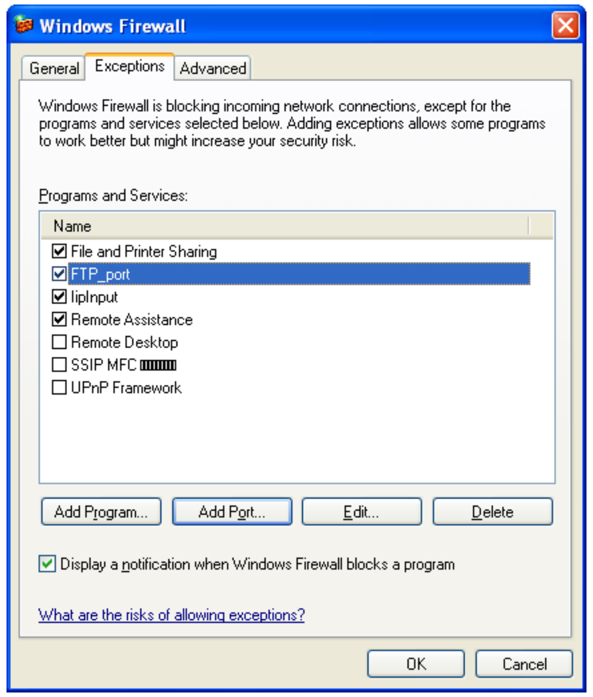
Table Port setup information list

Port name	Port number	Protocol type
FTP_port	21	TCP
SQLServer_port	1433	TCP
SQLMonitor_port	1434	UDP

11. **Click** OK **.**

➔ The system returns to the Windows Firewall window.

12. **Make sure that a checkmark is placed to the left of the added port name displayed in the Programs and Services filed.**


Windows Firewall
General
Exceptions
Advanced
Name
Add Program...
Add Port...
Edit...
Delete
What are the risks of allowing exceptions?
OK
Cancel

Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.

Programs and Services:

- ☑ File and Printer Sharing
- ☑ FTP_port
- ☑ IipInput
- ☑ Remote Assistance
- ☐ Remote Desktop
- ☐ SSIP MFC ▯▯▯▯▯▯▯▯
- ☐ UPnP Framework

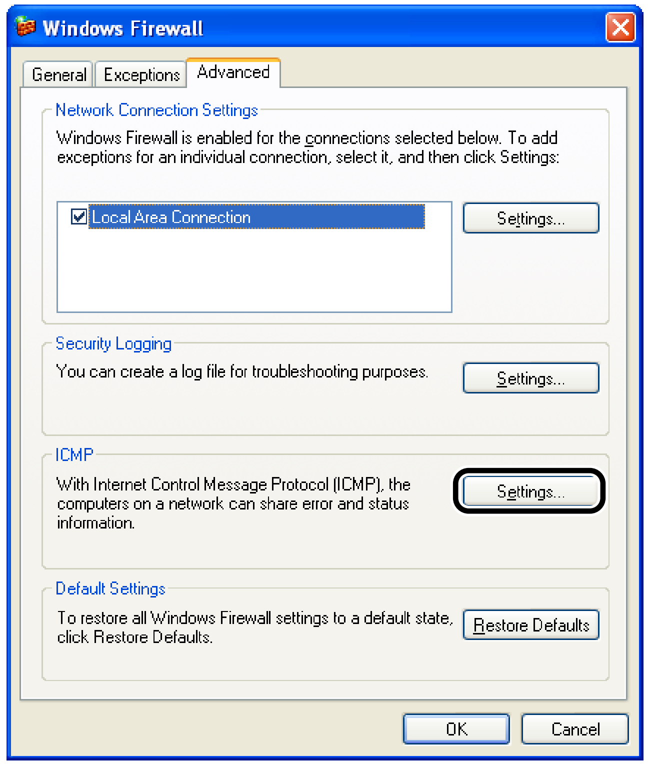
☑ Display a notification when Windows Firewall blocks a program

20000008.EPS

● ICMP settings

1. **Select the “Advanced” tab on the Windows Firewall window and click Settings... of ICMP.**

➔ The “ICMP Settings” window opens.


Windows Firewall
General
Exceptions
Advanced
Network Connection Settings
Settings...
Security Logging
Settings...
ICMP
Settings...
Default Settings
Restore Defaults
OK
Cancel

Windows Firewall is enabled for the connections selected below. To add exceptions for an individual connection, select it, and then click Settings:

☑ Local Area Connection

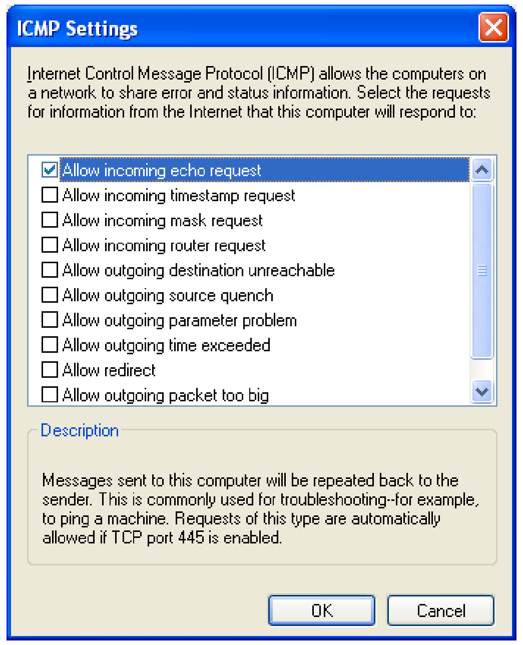
You can create a log file for troubleshooting purposes.

With Internet Control Message Protocol (ICMP), the computers on a network can share error and status information.

To restore all Windows Firewall settings to a default state, click Restore Defaults.

20000009.EPS

2. **Place a checkmark to the “Allow incoming echo request” setup item (☐ ➔ ☑).**


ICMP Settings
Description
OK
Cancel

Internet Control Message Protocol (ICMP) allows the computers on a network to share error and status information. Select the requests for information from the Internet that this computer will respond to:

☑ Allow incoming echo request
☐ Allow incoming timestamp request
☐ Allow incoming mask request
☐ Allow incoming router request
☐ Allow outgoing destination unreachable
☐ Allow outgoing source quench
☐ Allow outgoing parameter problem
☐ Allow outgoing time exceeded
☐ Allow redirect
☐ Allow outgoing packet too big

Messages sent to this computer will be repeated back to the sender. This is commonly used for troubleshooting-for example, to ping a machine. Requests of this type are automatically allowed if TCP port 445 is enabled.

20000010.EPS

3. **Click OK.**

➔ The system returns to the Windows Firewall window.

4. **Click OK on the Windows Firewall window.**

➔ The Windows Firewall window will then close.

● Balloon Tips display settings

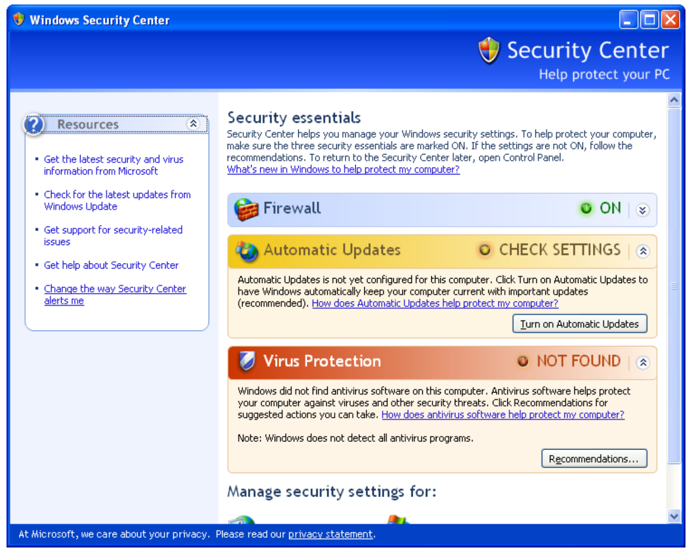
The Windows Security Center may display an alert, or “Balloon Tips,” in the notification area (to the right of the taskbar). To suppress such an alert, follow the procedure below.

1. Select “Control Panel” from the Start menu.

➔ The “Control Panel” window opens.

2. Double-click “Security Center”.

➔ A window like that shown below opens.


Windows Security Center
Security Center
Help protect your PC
Resources
Get the latest security and virus information from Microsoft
Check for the latest updates from Windows Update
Get support for security-related issues
Get help about Security Center
Change the way Security Center alerts me
Firewall
ON
Automatic Updates
CHECK SETTINGS
Turn on Automatic Updates
Virus Protection
NOT FOUND
Recommendations...
Manage security settings for:

Security essentials

Security Center helps you manage your Windows security settings. To help protect your computer, make sure the three security essentials are marked ON. If the settings are not ON, follow the recommendations. To return to the Security Center later, open Control Panel. What's new in Windows to help protect my computer?

Automatic Updates is not yet configured for this computer. Click Turn on Automatic Updates to have Windows automatically keep your computer current with important updates (recommended). How does Automatic Updates help protect my computer?

Windows did not find antivirus software on this computer. Antivirus software helps protect your computer against viruses and other security threats. Click Recommendations for suggested actions you can take. How does antivirus software help protect my computer?

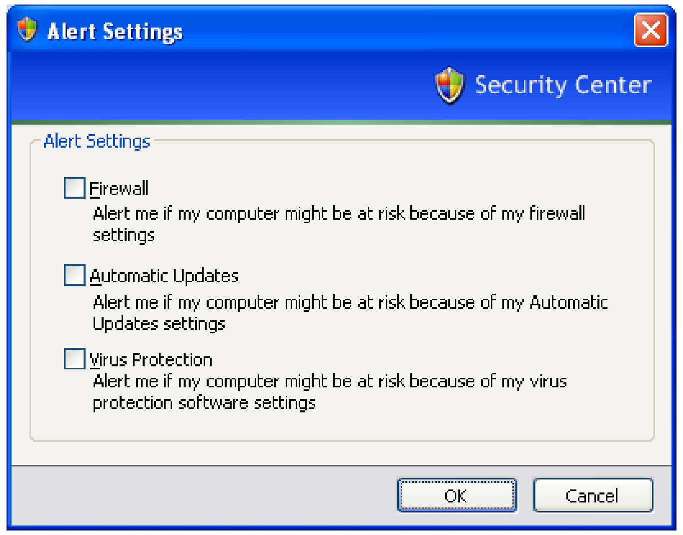
Note: Windows does not detect all antivirus programs.

At Microsoft, we care about your privacy. Please read our privacy statement.

20000011.EPS

3. Click “Change the way Security Center alerts me” that is on the left-side pane.

➔ A window like that shown below opens.


Alert Settings
Security Center
Alert Settings
OK
Cancel

☐ Firewall
Alert me if my computer might be at risk because of my firewall settings

☐ Automatic Updates
Alert me if my computer might be at risk because of my Automatic Updates settings

☐ Virus Protection
Alert me if my computer might be at risk because of my virus protection software settings

20000012.EPS

4. On the “Alert Settings” window that opens, remove checkmarks from “Firewall”, “Automatic Updates” and “Virus Protection” (☐ ➔ ☑).

5. Click OK.

◆ *NOTE* ◆

Following the procedure shown below, you can ensure that Windows XP SP2 has been installed successfully.

1. *Right-click “My Computer” from the Start menu.*

   ➔ *The My Computer pop-up menu window opens.*

2. *Select “Properties”.*

   ➔ *The “System Properties” window opens.*

3. *Select the “General” tab.*

   ➔ *Windows XP SP2 has been installed successfully if “Service Pack 2” is displayed in the “System”.*

Appendix A Uninstalling the APs

This appendix describes the procedures for uninstalling the following APs:

- CL-AP
- MSDE (SQL SP included)
- RU-AP
- RU M-UTILITY
- Option keys
- Touch panel driver
- Console software (Built_inConsole)
- FRIS Modules
- Synapse Client (Synapse Workstation)

◆ *NOTE* ◆

Windows 2000 screens are used herein, whose contents are the same as those displayed by Windows XP.
When setting procedures to be performed are different between Windows 2000 and Windows XP, follow the procedure specific to the used OS to perform necessary settings.

1. CL-AP

1. **Perform the following settings.**

   - For Windows 2000

     - Double-click My Computer on the desktop.

       ➔ The “My Computer” window opens.

     - Double-click Control Panel.

       ➔ The “Control Panel” window opens.

   - For Windows XP

     Select Control Panel from the Start menu.

     ➔ The “Control Panel” window opens.

2. **Double-click Add/Remove Programs.**

   ➔ The “Add/Remove Programs” window opens.

3. **Select the CL-AP (displayed as “IIP” in the window).**

   ➔ Your selection is then highlighted.

4. **Click Remove.**

   ➔ A confirmation window opens.

5. **Click Yes.**

   ➔ The uninstallation window opens.

   ◆ NOTE ◆

   The message “Prepare Installation” appears here.
   Note that the uninstallation process then starts, and not the installation process as the message indicates.

   ➔ Uninstallation ends in several seconds.

6. **Close the “Add/Remove Programs” window and Control Panel.**

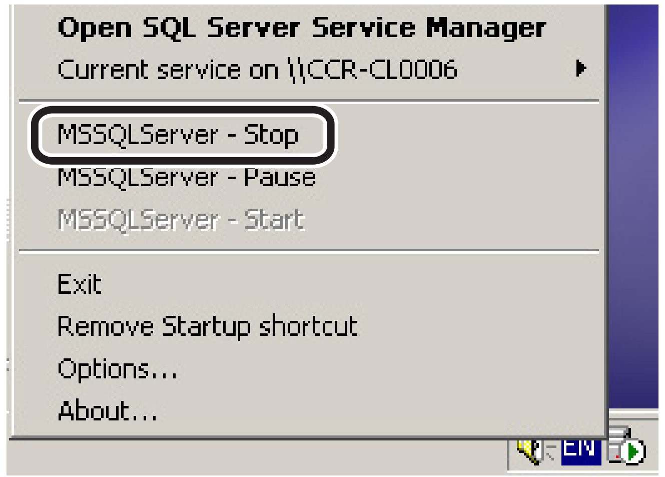
◆ NOTES ◆

When the Synapse Client software is installed on the CL, uninstall first the CL-AP and then the Synapse Client software.

☞ ***For how to uninstall the Synapse Client software, see “12. Synapse Client Software (Synapse Workstation)” in “Appendix A Uninstalling the APs” under “RI: Reinstalling the Software”.***

2. MSDE (SQL SP Included)

1. **Right-click in the task tray at the lower right corner of the desktop, and then click "MS SQL Server-Stop".**

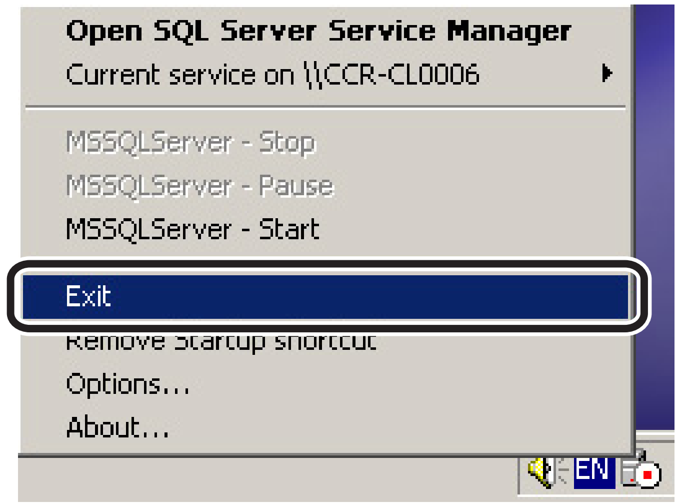

Open SQL Server Service Manager
Current service on \\CCR-CL0006
MSSQLServer - Stop
MSSQLServer - Pause
MSSQLServer - Start
Exit
Remove Startup shortcut
Options...
About...
EN

00000473.EPS

➔ The "SQL Server Service Manager" window opens.

2. **Click Yes.**

3. **Right-click in the task tray again, and then click "Exit".**


Open SQL Server Service Manager
Current service on \\CCR-CL0006
MSSQLServer - Stop
MSSQLServer - Pause
MSSQLServer - Start
Exit
Remove Startup shortcut
Options...
About...
EN

00000474.EPS

➔ The icon disappears from the task tray.

4. **Perform the following settings.**

● For Windows 2000

- Double-click My Computer on the desktop.

  ➔ The "My Computer" window opens.

- Double-click Control Panel.

  ➔ The "Control Panel" window opens.

● For Windows XP

Select Control Panel from the Start menu.

➔ The "Control Panel" window opens.

5. **Double-click Add/Remove Programs.**

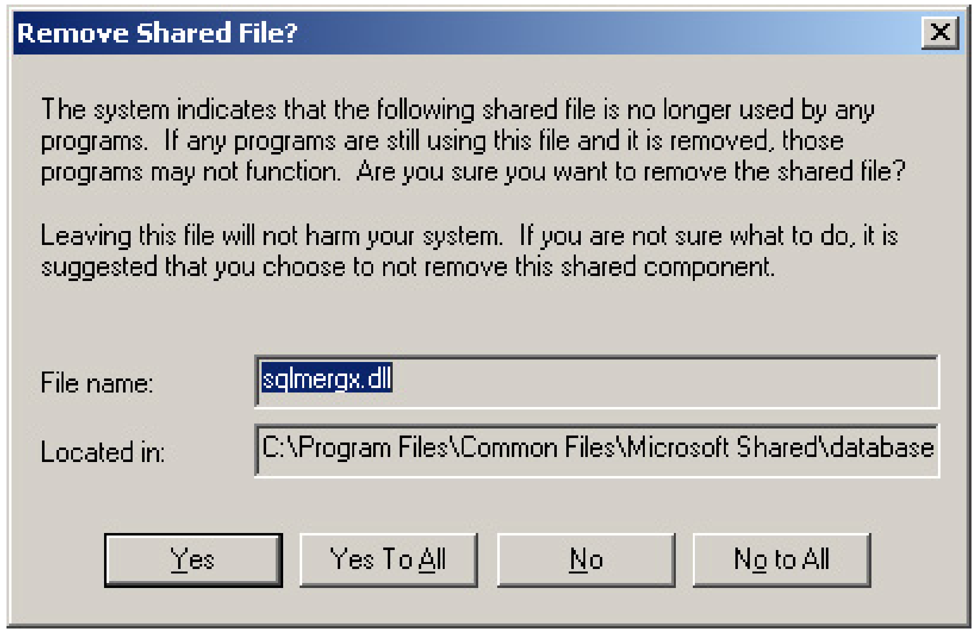
➔ The "Add/Remove Programs" window opens.

6. **Select "MSDE" and then click Change/Remove.**

➔ The "Confirm File Deletion" window opens.

7. **Click Yes.**

   ➔ The installation shield starts running to initiate an MSDE uninstallation.
   After a while, the "Remove Shared File?" window opens.



Remove Shared File?

The system indicates that the following shared file is no longer used by any programs. If any programs are still using this file and it is removed, those programs may not function. Are you sure you want to remove the shared file?

Leaving this file will not harm your system. If you are not sure what to do, it is suggested that you choose to not remove this shared component.

File name: sqlmergx.dll

Located in: C:\Program Files\Common Files\Microsoft Shared\database

00000475.EPS

8. **Click Yes To All.**

   ➔ A confirmation window opens.

9. **Click Yes.**

   ➔ Uninstallation ends in 10 seconds.

10. **Click OK.**

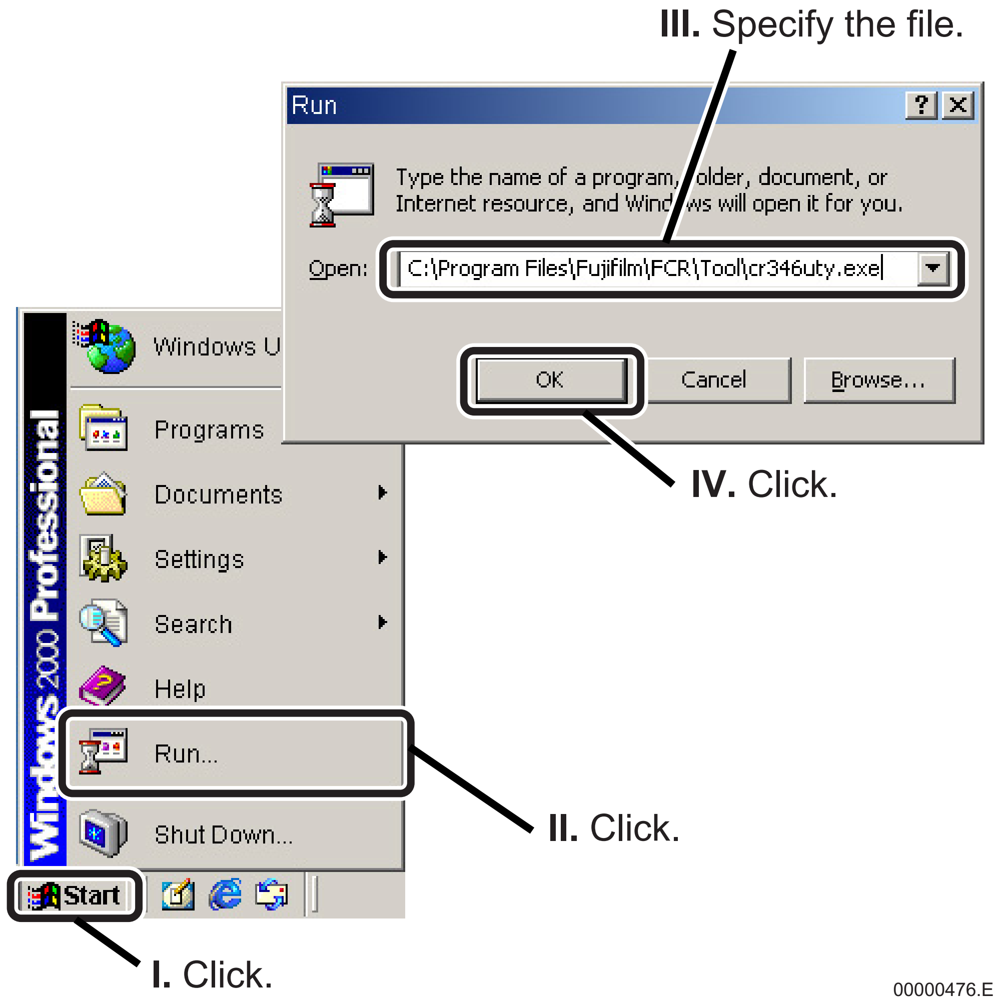
    ➔ The system returns to the "Add/Remove Programs" window.

11. **Close the "Add/Remove Programs" window and Control Panel.**

3. RU-AP

To uninstall the RU-AP, use the RU M-Utility.

1. **Start the RU M-Utility as directed below:**



Run

Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open: C:\Program Files\Fujifilm\FCR\Tool\cr346uty.exe

III. Specify the file.
OK
Cancel
Browse...
IV. Click.
Windows 2000 Professional
Windows U
Programs
Documents
Settings
Search
Help
Run...
II. Click.
Shut Down...
Start
I. Click.

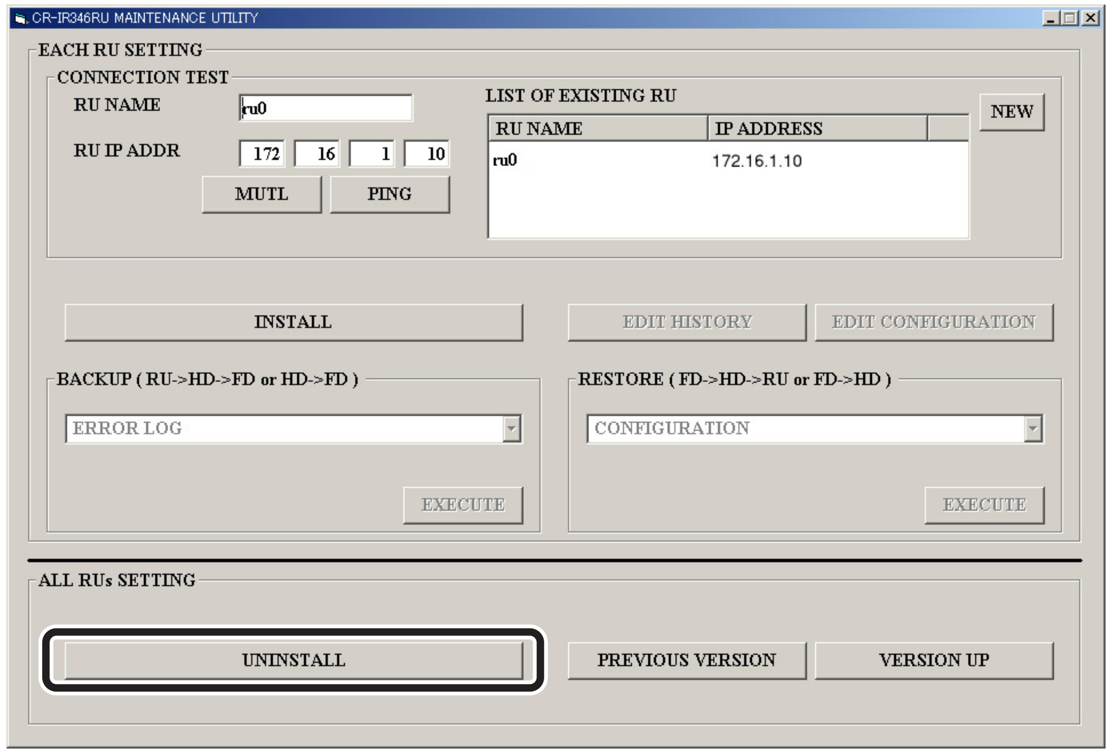
00000476.EPS

➔ The RU M-Utility main menu opens.

2. **Click [UNINSTALL].**

◆ NOTE ◆

All the RU-APs displayed in the “LIST OF EXISTING RU” area are uninstalled.



CR-IR346RU MAINTENANCE UTILITY

RU NAME: ru0

RU IP ADDR: 172 16 1 10

RU NAME	IP ADDRESS
ru0	172.16.1.10

BACKUP (RU->HD->FD or HD->FD): ERROR LOG

RESTORE (FD->HD->RU or FD->HD): CONFIGURATION

EACH RU SETTING
CONNECTION TEST
LIST OF EXISTING RU
NEW
MUTL
PING
INSTALL
EDIT HISTORY
EDIT CONFIGURATION
EXECUTE
EXECUTE
ALL RUs SETTING
UNINSTALL
PREVIOUS VERSION
VERSION UP

00000477.EPS

➔ A confirmation window (the message “Completed”) appears on the display.

3. **Click OK.**

➔ The system then returns to the main menu.

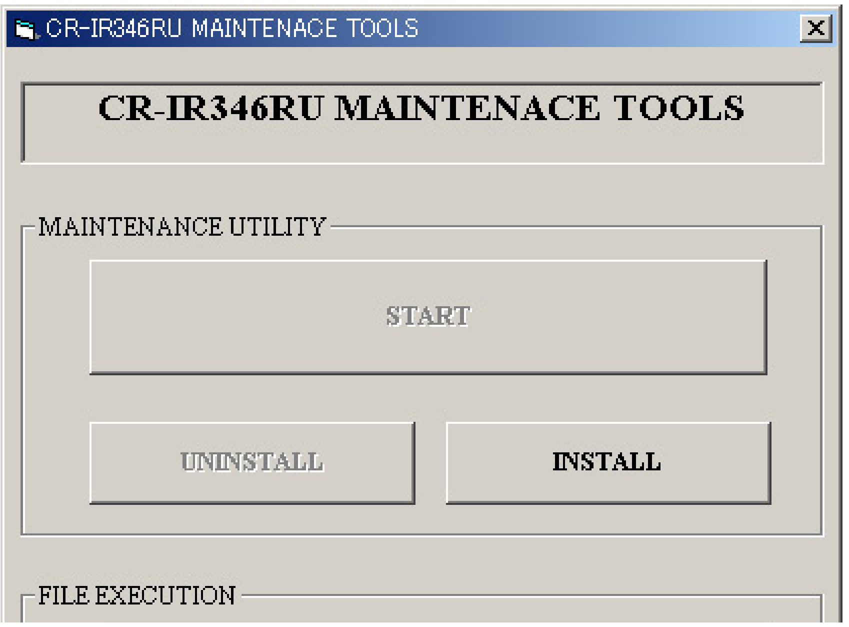
4. RU M-Utility

◆ NOTE ◆

Use the RU-CD to uninstall the RU M-Utility. Do not uninstall the RU M-Utility from “Add/Remove Programs” in Control Panel because an improper uninstallation results.

1. Insert the RU-CD into the CD-ROM drive.

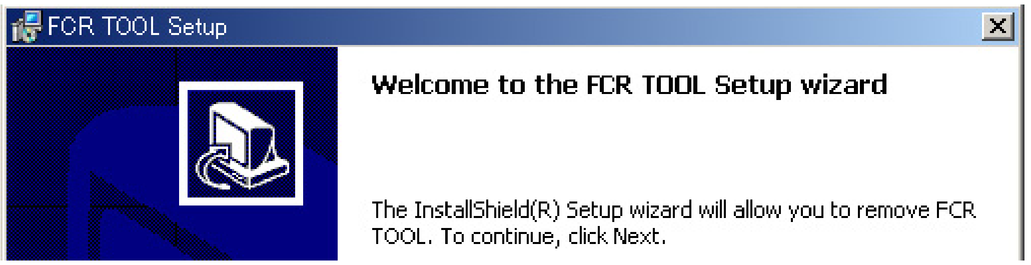
➔ After a while, the “CR-IR346RU MAINTENANCE TOOLS” window opens.


CR-IR346RU MAINTENACE TOOLS
CR-IR346RU MAINTENACE TOOLS
MAINTENANCE UTILITY
START
UNINSTALL
INSTALL
FILE EXECUTION

00000214.EPS

2. Click UNINSTALL.

➔ After a while, the “FCR TOOL Setup” window opens.


FCR TOOL Setup

Welcome to the FCR TOOL Setup wizard

The InstallShield(R) Setup wizard will allow you to remove FCR TOOL. To continue, click Next.

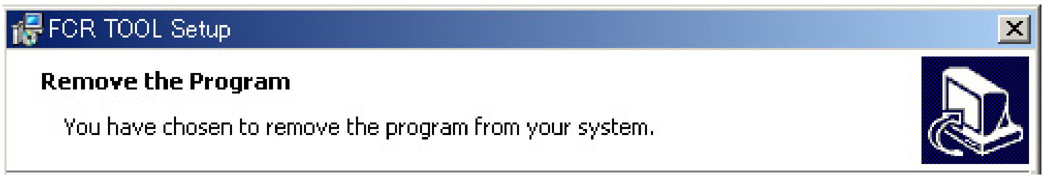
00000478.EPS

◆ NOTES ◆

- *Although the window says “Welcome to the FCR TOOL Setup Wizard”, the setup process does not start.*
- *“FCR TOOL” is another name for “RU M-Utility”.*

3. Click Next >.

➔ The “FCR TOOL Setup/Remove the Program” window opens.


FCR TOOL Setup

Remove the Program

You have chosen to remove the program from your system.

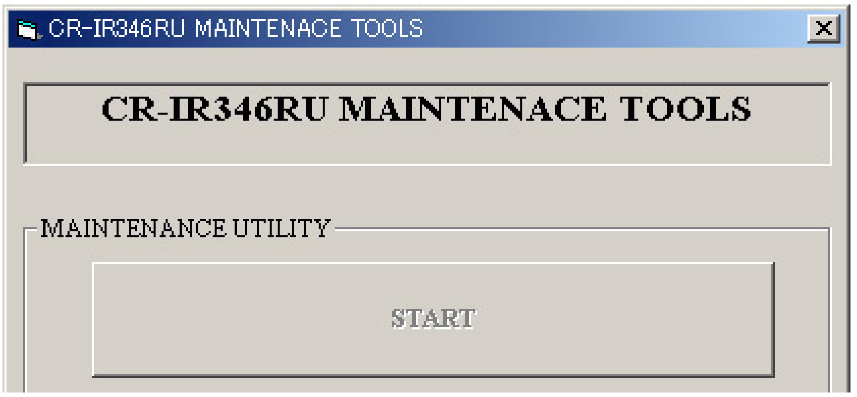
00000479.EPS

4. Click Remove.

➔ The “FCR TOOL Setup/Completing the FCR TOOL Setup Wizard” window opens. Uninstallation is now completed.

5. Click Finish.

➔ The system then returns to the initial window (which automatically opened when the CD was set in position).


CR-IR346RU MAINTENACE TOOLS
CR-IR346RU MAINTENACE TOOLS
MAINTENANCE UTILITY
START

00000480.EPS

6. Click [EXIT].

7. Remove the CD from the CD-ROM drive.

5. Option Keys

The option key CD-ROM is required for uninstalling an option key.

◆ NOTE ◆

When uninstalling an option key, be sure to perform the following procedure. If, for instance, you directly remove an option key with Registry Editor or the like, the option name may remain in a user window although the option function is removed.

1. **Insert into the PC the CD-ROM for the option key you wish to uninstall.**

2. **The installation window opens. Press the** Cancel **button to close this window.**

3. **Select “Run...” box from the** Start **menu.**

➔ The “Run...” box opens.

4. **Enter the uninstallation command in the “Open (O)” box and click** OK**.**

D:\option key’s executable file name (xxxxxx.exe)/u

◆ NOTE ◆

In the underlined portion, enter the drive name of the CD-ROM drive.

➥ REFERENCE

- *To confirm the executable file name of an option key, you should directly view the contents of CD-ROM from Explorer or the like.*

Example: Executable file names for IR346 DICOM CR STORAGE option
  - *OptionDcmStandardCR.exe*
  - *OptionDcmPrivateCR.exe*

- *You can click the* Browse... *button to select the executable file for the option key to be uninstalled.*

➔ A window opens to indicate that uninstallation is completed.

5. **Click** OK**.**

6. Touch Panel Driver

The touch panel driver uninstallation procedure differs whether it is L362T or other than L362T.
Uninstall the driver accordingly following the proper procedure.

■ Monitor other than L362T

1. Perform the following settings.

● For Windows 2000

- Double-click My Computer on the desktop.

  ➔ The “My Computer” window opens.

- Double-click Control Panel.

  ➔ The “Control Panel” window opens.

● For Windows XP

Select Control Panel from the Start menu.

➔ The “Control Panel” window opens.

2. Double-click Add/Remove Programs.

➔ The “Add/Remove Programs” window opens.

3. Select the touch panel driver (MonitorMouse for Windows 2000) and click Remove.

➔ The confirmation window opens.

4. Click Yes.

➔ The uninstallation start window opens.

Elo Touchscreen Uninstall

RI000008.EPS

5. Click Yes.

➔ When uninstallation process ends, the PC restarts.

■ L362T monitor

1. **Perform the following settings.**

   - For Windows 2000

     - Double-click My Computer on the desktop.

       ➔ The “My Computer” window opens.

     - Double-click Control Panel.

       ➔ The “Control Panel” window opens.

   - For Windows XP

     Select Control Panel from the Start menu.

     ➔ The “Control Panel” window opens.

2. **Double-click Add/Remove Programs.**

   ➔ The “Add/Remove Programs” window opens.

3. **Select “TouchWare 5.64 SR1”, click Change/Remove.**

   ➔ The confirmation window opens.

4. **Click Yes.**

   ➔ The “Reminder” window opens.

5. **Click OK.**

   ➔ Uninstallation process starts.

6. **When uninstallation process ends, click OK.**

   ➔ The confirmation window opens.

7. **Click OK.**

8. **Close the “Control Panel” window.**

9. **Restart the PC.**

7. Console Software (Built_inConsole)

◆ NOTE ◆

After the console software is uninstalled, be sure to reinstall the console software. The CL-AP does not start running when the console software is uninstalled.

1. **Perform the following settings.**

   - For Windows 2000

     - Double-click My Computer on the desktop.

       ➔ The “My Computer” window opens.

     - Double-click Control Panel.

       ➔ The “Control Panel” window opens.

   - For Windows XP

     Select Control Panel from the Start menu.

     ➔ The “Control Panel” window opens.

2. **Double-click Add/Remove Programs in “Control Panel”.**

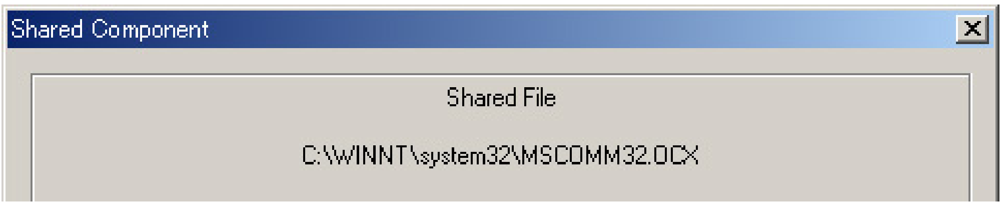
   ➔ The “Add/Remove Programs” window opens.

3. **Select “Built_inConsole” and then click Change/Remove.**

   ➔ The “Application Removal” window opens.

4. **Click Yes.**

   ➔ The install shield starts running and begins to uninstall the MSDE. After a while, the “Shared Component” window opens.



Shared Component

Shared File

C:\WINNT\system32\MSCOMM32.OCX

RI000009.EPS

5. **Click Remove All.**

   ➔ The uninstallation process ends and the confirmation window opens.

6. **Click OK.**

   ➔ The system then returns to the “Add/Remove Programs” window.

7. **Close the “Add/Remove Programs” window and then the Control Panel.**

8. FRIS Modules [Applicable only in Japan]

9. DVD-RAM Driver [Applicable only in Japan]

10. POCKET id Console-AP [Applicable only in Japan]

11. ActiveSync [Applicable only in Japan]

12. Synapse Client Software (Synapse Workstation)

1. **Perform the following settings.**

   - For Windows 2000
     - Double-click My Computer on the desktop.

       ➔ The “My Computer” window opens.
     - Double-click Control Panel.

       ➔ The “Control Panel” window opens.
   - For Windows XP

     Select Control Panel from the Start menu.

     ➔ The “Control Panel” window opens.

2. **Double-click Add/Remove Programs in “Control Panel”.**

   ➔ The “Add/Remove Programs” window opens.

3. **Select “Synapse” and click Change/Remove.**

   ➔ The “WARNING” window opens.

4. **Click OK.**

   ➔ The same window opens again.

5. **Click OK.**

   ➔ After a while, the “Downloaded Program Files” window opens automatically.

6. **Click the ✕ symbol at the upper right-corner of the window to close the “Downloaded Program Files” window.**

   ➔ The system returns to the desktop.

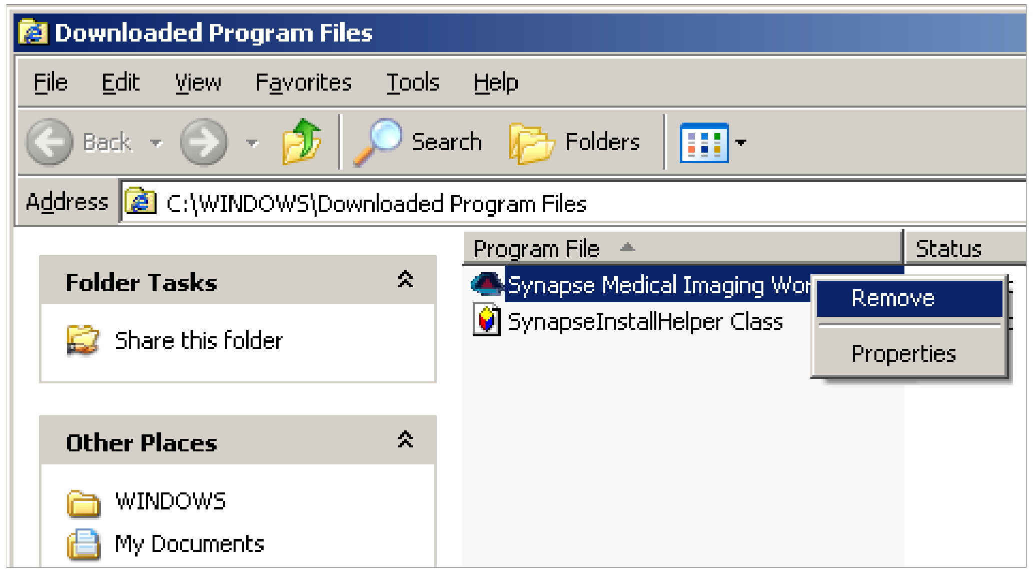
7. **Restart the PC.**

8. **If the CL-AP starts up after the PC restart, click the upper-right and -left corners of the window once each to have the Service Utility be displayed. Then shut down the Service Utility.**

9. **Open the following folders.**

   Windows 2000 : C:\WINNT\Download Program Files
   Windows XP : C:\WINDOWS\Download Program Files

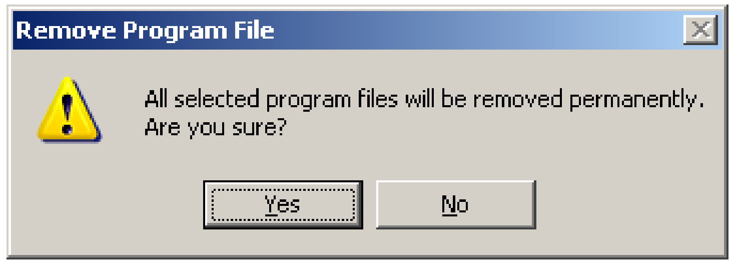
10. **Right-click “Synapse Medical Imaging Workstation” and select “Remove”.**


Downloaded Program Files
File
Edit
View
Favorites
Tools
Help
Back
Search
Folders
Address
C:\WINDOWS\Downloaded Program Files
Folder Tasks
Share this folder
Other Places
WINDOWS
My Documents
Program File
Status
Synapse Medical Imaging Wor
SynapseInstallHelper Class
Remove
Properties

RI000229.EPS

➔ The confirmation window opens.

11. **Click Yes.**


Remove Program File
Yes
No

All selected program files will be removed permanently.
Are you sure?

RI000230.EPS

12. **Close the “Downloaded Program Files”.**

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Appendix B Changing the CL Host Name

◆ ***NOTE*** ◆

When changing the CL's host name, be sure to follow the sequence indicated below.

If you do not use the correct procedure to change the host name, the CL-AP may become inoperative.

- ■ Uninstalling the MSDE
- ■ Changing the CL-PC host name
- ■ Installing the MSDE
- ■ Rebuilding the image database
- ■ Setting the Service Utility
- ■ Initializing the image database ... Use this procedure only when you wish to remove images from the HDD.

  * If you wish to retain images, do not perform this procedure.

◆ ***NOTE*** ◆

Windows 2000 screens are used herein, whose contents are the same as those displayed by Windows XP.
When setting procedures to be performed are different between Windows 2000 and Windows XP, follow the procedure specific to the used OS to perform necessary settings.

■ Uninstalling the MSDE

☞ **For the procedure for uninstalling the MSDE, see "Appendix A Uninstalling the APs".**

■ Changing the CL-PC host name

1. Perform the following settings.

- For Windows 2000
  - Double-click My Computer on the desktop.

    ➔ The "My Computer" window opens.
  - Double-click Control Panel.

    ➔ The "Control Panel" window opens.
- For Windows XP

  Select Control Panel from the Start menu.

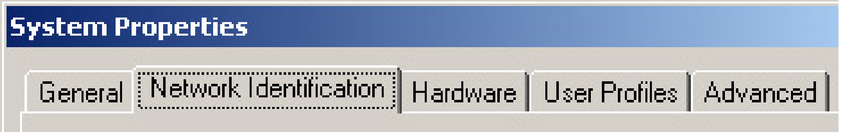
  ➔ The "Control Panel" window opens.

2. Double-click System.

➔ The "System Properties" window opens.

3. **Perform the following settings.**

- For Windows 2000
  - Click the “Network Identification” tab.

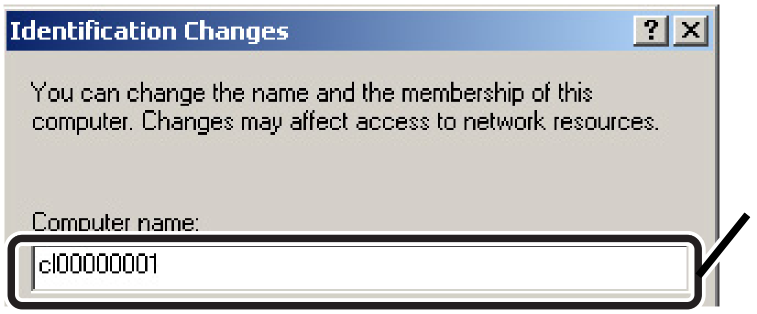

System Properties
General
Network Identification
Hardware
User Profiles
Advanced

00000482.EPS

  - Click Properties.

    ➔ The “Identification Changes” window opens.

  - Change the host name entry in the “Computer name” field.


Identification Changes
?
X

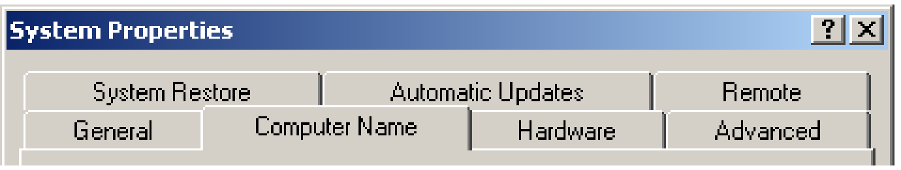
You can change the name and the membership of this computer. Changes may affect access to network resources.

Computer name:
cl00000001

Change.

00000483.EPS

- For Windows XP
  - Click the “Computer Name” tab.

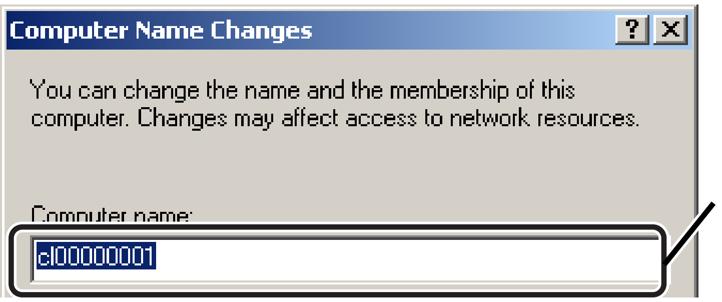

System Properties
?
X
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced

RI0000359.EPS

  - Click Change....

    ➔ The “Computer Name Changes” window opens.

  - Change the host name of the “Computer name” field.


Computer Name Changes
?
X

You can change the name and the membership of this computer. Changes may affect access to network resources.

Computer name:
cl00000001

Change.

RI0000360.EPS

4. **Click** OK.

➔ The “Network Identification” window opens. (Although a message appears prompting you to restart the PC, you must restart it in step 10.)

5. **Click** OK.

➔ The system then returns to the “System Properties” window.

6. **Click** OK.

➔ A windows opens to prompt for a restart.

7. **Click** Yes.

➔ The PC restarts.

8. **When a certain period of time elapses after PC startup, error windows open. Close all such windows.**

■ Installing the MSDE

☞ **For the MSDE installation procedure, see “4. Installing MSDE and Its Service Pack” in “RI: Reinstalling the Software”.**

◆ *NOTE* ◆

When MSDE and service pack are installed, the PC is forced to restart. After a restart, the CL-AP automatically starts up; however, an error occurs because the image database is not rebuilt.
In this instance, just click [OK] to close the error window.
The system recovers from this error when you rebuild the image database.

■ Rebuilding the image database

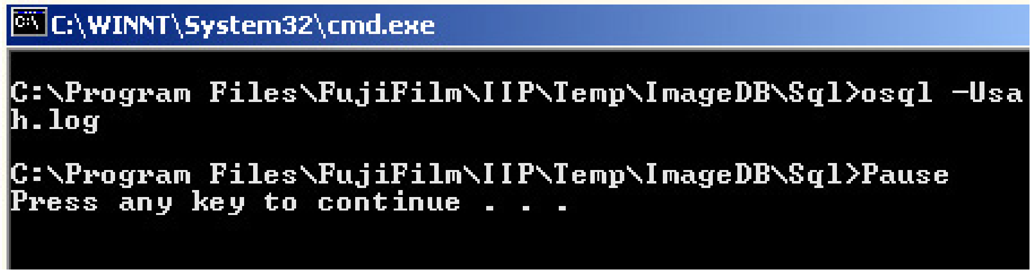
1. **Select Run... from the Start menu. Use then the Browse... key to select necessary files located in the directories below:**

A00 version:	**C:\Program Files\FujiFilm\IIP\Temp\ImageDB\SQL\Attach.bat**
A02 version or later:	**C:\Program Files\FujiFilm\IIP\Temp\AttachAll.bat**

◆ *NOTE* ◆

Do not execute the above command from the MS-DOS prompt.

➔ The MS-DOS prompt window then opens, displaying the message “Press any key to continue ...”.



```
C:\Program Files\FujiFilm\IIP\Temp\ImageDB\Sql>osql -Usa
h.log

C:\Program Files\FujiFilm\IIP\Temp\ImageDB\Sql>Pause
Press any key to continue . . .
```

00000484.EPS

2. **Press the <Enter> key.**

➔ The MS-DOS prompt window closes. The image database is thus completely rebuilt.

This makes it possible to use again HDD images that have been available before CL host name change.

■ Setting the Service Utility

When you change the CL’s host name, the Service Utility’s network setup for this equipment changes to that for other connected equipment. Therefore, you have to restore the original network setup as directed below:

1. **Start the Service Utility and then click [Setup Configuration Item].**

➔ The “Setup Configuration Item” window opens.

2. **Within the tree in the left-hand area of the window, click the ⊞ mark to the left of ⊞ NETWORK CONFIG, and then click the ⊞ mark to the left of ⊞ ALL OTHER NODES.**

3. **Choose ⊞ cl00000001 (CL’s previous host name).**

4. **Change the** HostName : cl00000001 **entry in the upper right corner of the window to a new host name.**

5. **Click** Apply**.**

6. **From the “Config” menu, choose “Save”.**

➔ A window opens, prompting you to confirm the setup data to be saved.

7. **Click** Yes**.**

➔ The system saves the setup data.

The original network setup is then restored.

■ Initializing the image database [as required]

◆ NOTE ◆

If you wish to retain images stored in the HDD, do not initialize the image database.
Initializing the image database deletes all images from the HDD.

1. **Initialize the image database with the Service Utility.**

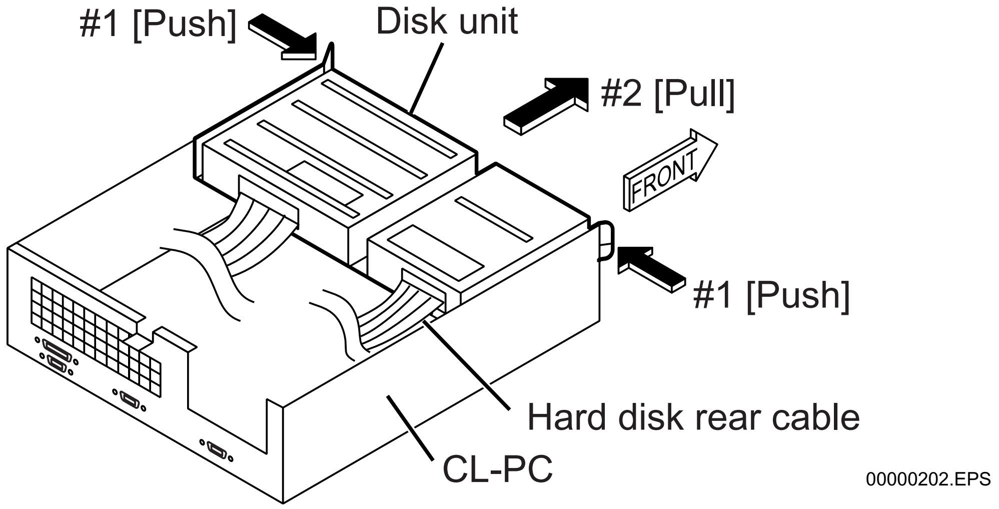
☞ **For the image database initialization procedure, see “12. Initializing the Image Database” in “RI: Reinstalling the Software”.**

➔ The CL host name change procedure is now completed.

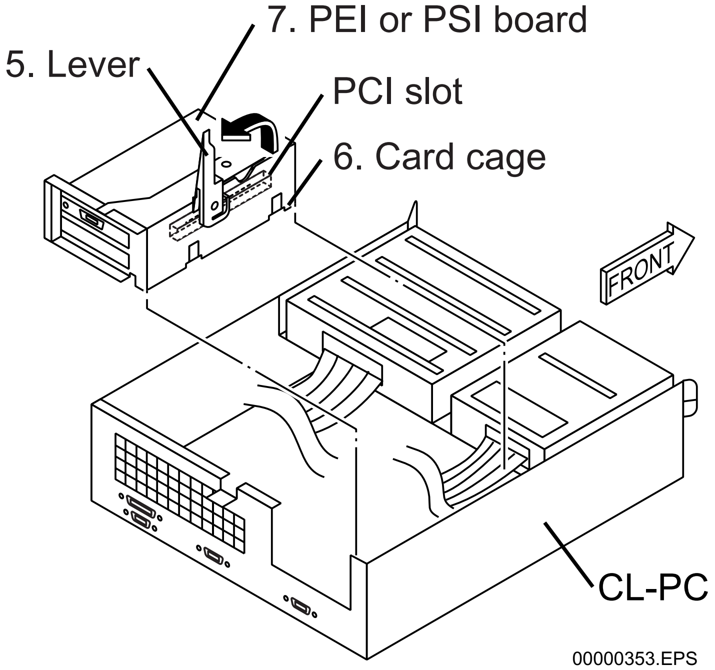
Appendix C Removing/Reinstalling the Board (PEI/PSI)

■ Removing the board (for GX110)

1. After shutting down the CL-AP, make sure that the power to the CL-PC has been turned OFF.
2. Disconnect the CL-PC power cord from the power source.
3. Remove the CL-PC cover.
4. When the card cage is mounted, its PC board interferes with a cable behind the hard disk. A workaround is to slightly pull the disk unit on the front of the CL-PC before mounting the card cage.


#1 [Push]
Disk unit
#2 [Pull]
FRONT
#1 [Push]
Hard disk rear cable
CL-PC
00000202.EPS

5. Raise the lever in the direction of the arrow.
6. Remove the card cage from the CL-PC.
7. Remove the PEI or PSI board from the PCI slot in the card cage.


7. PEI or PSI board
5. Lever
PCI slot
6. Card cage
FRONT
CL-PC
00000353.EPS

8. Mount the card cage in the CL-PC.
9. Return the lever to its original position.
10. Restore the disk unit.
11. Connect the CL-PC power cord to the power source.
12. Mount the CL-PC cover.

■ Removing the board (for GX150, 50, 60)

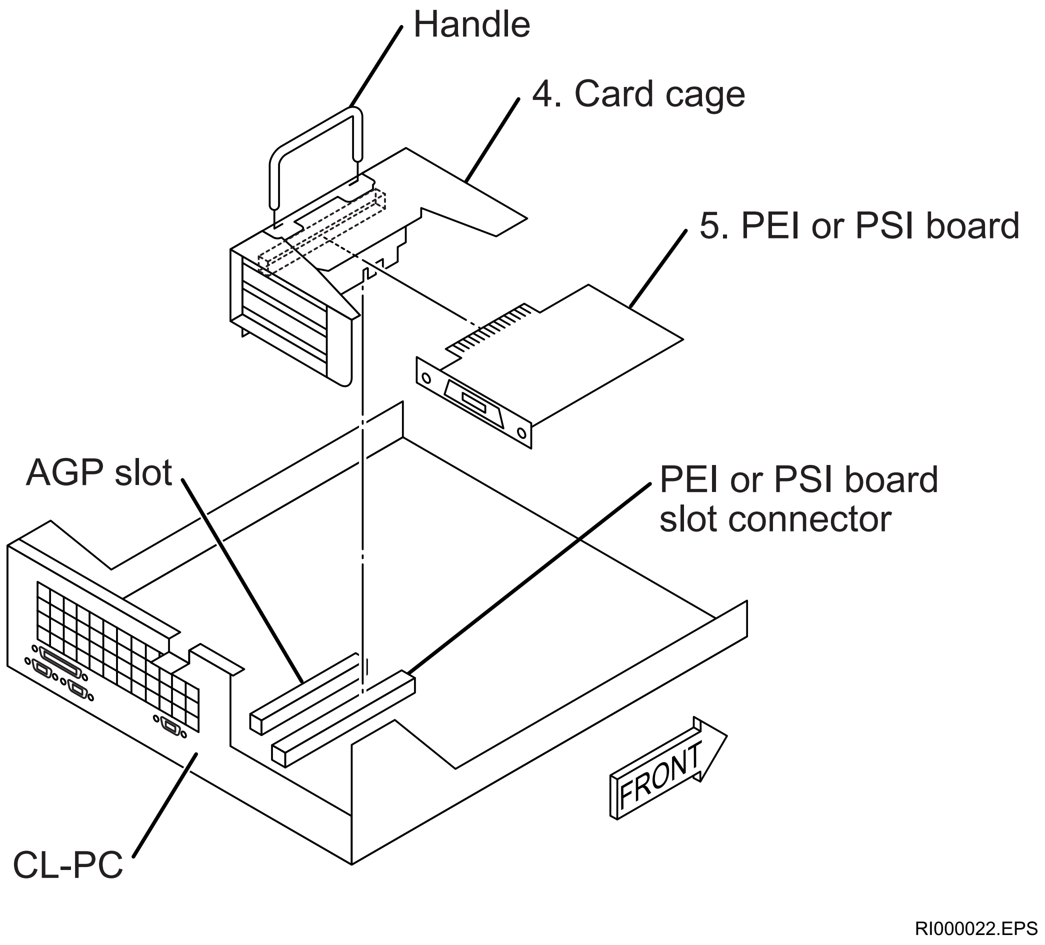
1. **After shutting down the CL-AP, make sure that the power to the CL-PC has been turned OFF.**

2. **Disconnect the CL-PC power cord from the power source.**

3. **Open the CL-PC cover.**

4. **Hold the card cage handle and remove the card cage.**

5. **Remove the PEI or PSI board from a PCI slot within the card cage.**


Handle
4. Card cage
5. PEI or PSI board
AGP slot
PEI or PSI board slot connector
CL-PC
FRONT
RI000022.EPS

6. **Mount the card cage in the CL-PC.**

7. **Close the CL-PC cover.**

8. **Connect the CL-PC power cord to the power source.**

■ Removing the board (for GX260, 270 and Precision WS340, 330)

1. **After shutting down the CL-AP, make sure that the power to the CL-PC has been turned OFF.**

2. **Disconnect the CL-PC power cord from the power source.**

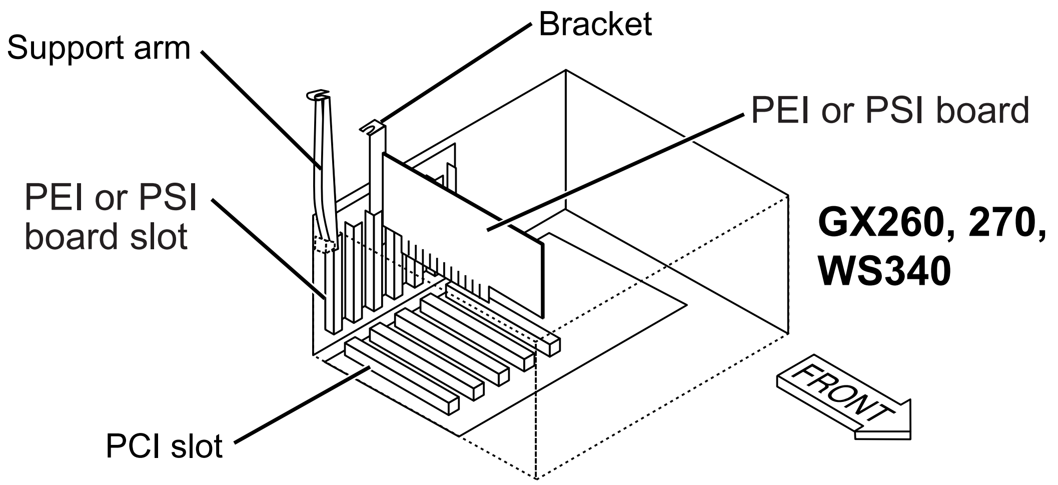
3. **Dismount the CL-PC cover.**

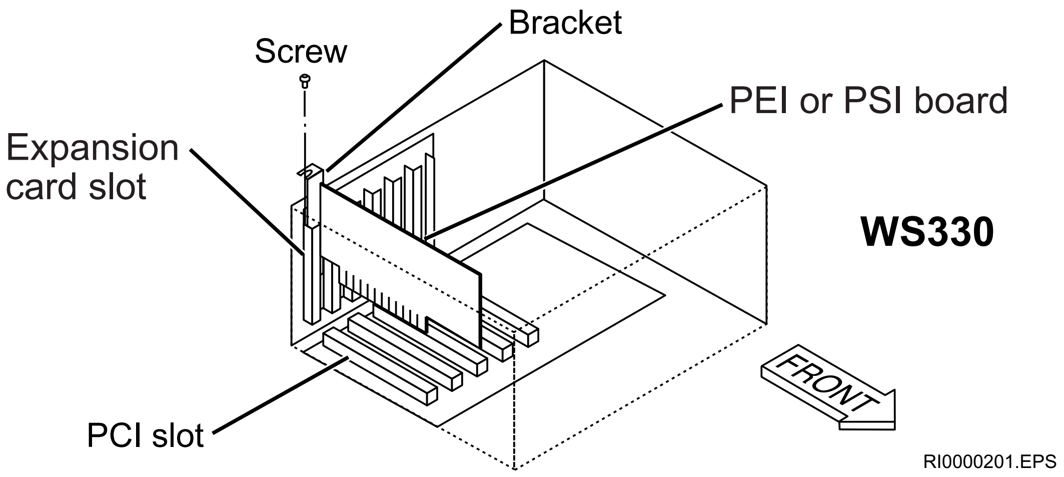
4. **Remove the support arm (GX260, 270, WS340) or screw (WS330) that fastens the PEI or PSI board bracket.**

◆ NOTE ◆

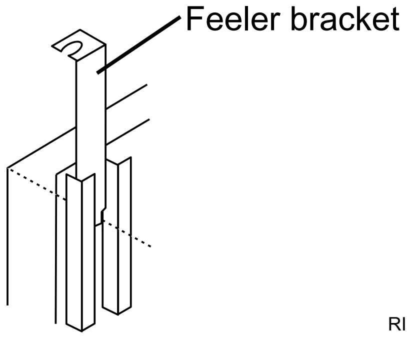
Keep the screw thus removed because it may be necessary at later steps.

5. **Remove the PEI or PSI board from a PCI slot.**


Support arm
Bracket
PEI or PSI board
PEI or PSI board slot
GX260, 270, WS340
PCI slot
FRONT


Screw
Bracket
PEI or PSI board
Expansion card slot
WS330
PCI slot
FRONT
RI0000201.EPS

6. **Mount a feeler bracket (a metal plate inserted into an empty expansion card slot.)**


Feeler bracket

RI000202.EPS

7. **Use a support arm or screw to fasten the feeler bracket.**
8. **Mount the CL-PC cover.**
9. **Connect the CL-PC power cord to the power source.**

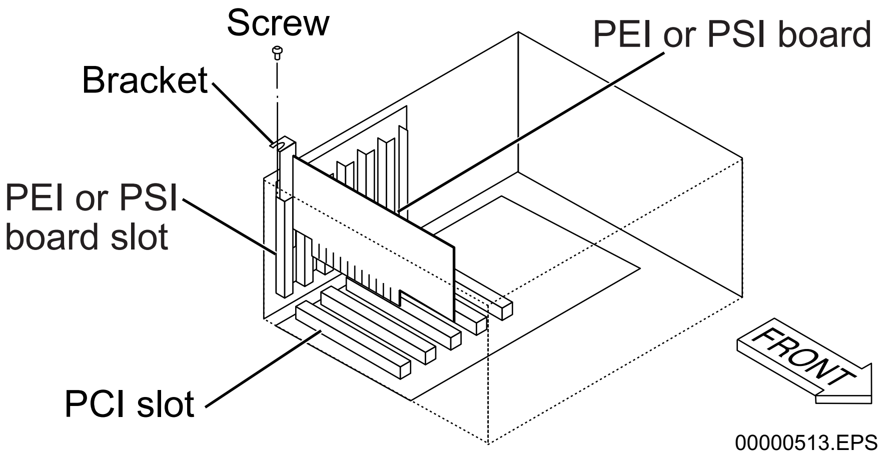
■ Removing the board (for NEC PC)

1. **After shutting down the CL-AP, make sure that the power to the CL-PC has been turned OFF.**
2. **Disconnect the CL-PC power cord from the power source.**
3. **Open the CL-PC left-side cover.**
4. **Hold the card cage handle and remove the card cage.**

◆ NOTE ◆

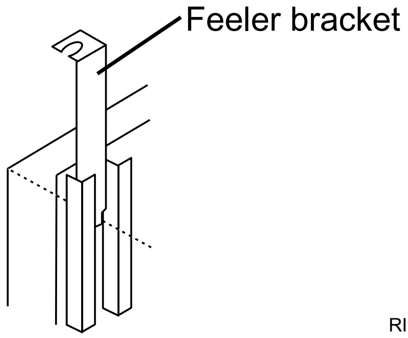
Keep the screw thus removed because it may be necessary at later steps.

5. **Remove the PEI or PSI board from a PCI slot.**


Screw
PEI or PSI board
Bracket
PEI or PSI board slot
PCI slot
FRONT

00000513.EPS

6. **Mount a feeler bracket (a metal plate inserted into an empty expansion card slot.)**


Feeler bracket

RI000202.EPS

7. **Use a screw to fasten the feeler bracket.**
8. **Mount the CL-PC left-side cover.**
9. **Connect the CL-PC power cord to the power source.**

■ Reinstalling the board (common to all models)

Reinstall the board by reversing the removal procedure.

Appendix D Upgrading the AP

This appendix describes the CL-AP upgrade procedures.

➤ IMPORTANT

Before upgrading the AP, verify that there are no patients reserved for exposure (no patients are registered in the examination queue window). Also, check that no image is left in the QA queue or output queue.

◆ NOTE ◆

Windows 2000 screens are used herein, whose contents are the same as those displayed by Windows XP.
When setting procedures to be performed are different between Windows 2000 and Windows XP, follow the procedure specific to the used OS to perform necessary settings.

■ Procedures (version upgrade to A11)

Upgrade the CL-AP to version A11 by performing the following steps:

Step	Description (correlating to the subsequent titles prefixed by the ■ mark)	Upgrade type				
		A00/01→A11	A02/03 →A11	A04 to A08 →A11	A09→ A11	A10→ A11
1	■ Uninstalling the CL-AP	○	○	○	○	○
2	■ Uninstalling the old PEI board driver	○ (Only when the LP is used)				
3	■ Uninstalling the Built_in Console software		○	○	○	○
4	■ Uninstalling FRIS Modules					
5	■ Upgrading the MSDE Service Pack (SQL7SP3) software version	○	○	○		
6	■ Installing the CL-AP	○	○	○	○	○
7	■ Installing the Built_in Console software *1, *3	○	○	○	○	○
8	■ Installing FRIS Modules	○	○			
9	■ Installing the new PEI board driver	○ (Only when the LP is used)				
10	■ Setting dummy nodes	○*2	○*2			

*1 Pay due attention to the versions of the Built_in Console software and built-in type machine (550xplus) software.
Built_in Console software version A07 is stored on the CD-ROM for CL version A02/A03, and Built_in Console software version A08 is stored on the CD-ROM for CL version A04 to A08. A09 is stored on the CD-ROM for CL version A09 and A10. A10 is stored on the CD-ROM for CL version A11.
The built-in type machine software versions compatible with Built_in Console version A10 are indicated below. If necessary, upgrade the built-in type main unit software.
5501: A13   5502D: A09   5501D: A09   XU-D1: A07

*2 When version A04 is used, an error (error code: 30151 or 20110) occurs at CL startup if no node is set for [NETWORK CONFIG] - [THIS HOST (IIP)].
If no node is set, be sure to set a dummy node.
If at least one node is already set, there is no need to perform step 10.

*3 To use the CL with its software version A07 or later, the Built_in Console software of version A08 or later is required. Otherwise, an automation error will occur.

■ Procedures (version upgrade to V3.0(B))

◆ NOTE ◆

When upgrading version A00 - 07 to V3.0(B), follow "■ Procedures (version upgrade to A11)" to upgrade the software version to either of A08, 09, 10 or 11, and then upgrade it to V3.0(B).

☞ **"■ Procedures (version upgrade to A11)"**

Upgrade the CL-AP to version V3.0(B) by performing the following steps:

Step	Description (correlating to the subsequent titles prefixed by the ■ mark)	Upgrade type			
		A08→ V3.0(B)*2	A09→ V3.0(B)*2	A10→ V3.0(B)*2	A11, V1.0(B), V2.0(B) →V3.0(B)*2
1	■ Uninstalling the CL-AP	○	○	○	○
2	■ Uninstalling the old PEI board driver				
3	■ Uninstalling the Built_in Console software *1	○	○	○	
4	■ Uninstalling FRIS Modules	○	○		
5	■ Upgrading the MSDE Service Pack (SQL7SP4) software version	○			
6	■ Installing the CL-AP	○	○	○	○
7	■ Installing the Built_in Console software *1	○	○	○	
8	■ Installing FRIS Modules	○	○		
9	■ Installing the new PEI board driver				
10	■ Setting dummy nodes				

◆◆ WARNING ◆◆

Never change the software version from A✳✳ or V✳.✳(B) to V1.0(C).
A new installation from the OS is also prohibited.

---

*1 Pay due attention to the versions of the Built_in Console software and built-in type machine (550xplus) software.
Built_in Console software version A08 is stored on the CD-ROM for CL version A08. A09 is stored on the CD-ROM for CL version A09 and A10. A10 is stored on the CD-ROM for CL version A11, V1.0(B), V2.0(B) and V3.0(B).
The built-in type machine software versions compatible with Built_in Console version A10 are indicated below. If necessary, upgrade the built-in type main unit software.
5501: A13   5501D: A09   5502D: A09   XU-D1: A07

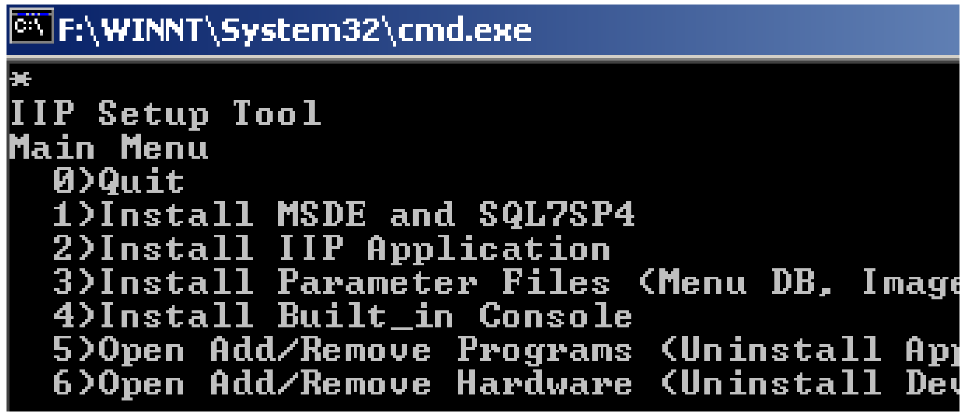
*2 The AP version is upgraded sequentially as follows:
A00 - A11 → V1.0(B) → V2.0(B) → V3.0(B)

Uninstalling the CL-AP

Use the IIP Setup Tool on the CL-AP CD to uninstall the CL-AP.

1. **Insert the CL-AP CD into the CD-ROM drive.**

   → The "IIP Setup Tool main menu automatically opens.



```
F:\WINNT\System32\cmd.exe
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall Ap
  6)Open Add/Remove Hardware (Uninstall De
```

RI000097.EPS

2. **Type in the number "5" and then press the <Enter> key.**

   → The "Add/Remove Programs" window opens.

3. **Select the CL-AP (IIP in the window).**

   → The selected item is then highlighted.

4. **Click Remove.**

   → A confirmation window opens.

5. **Click Yes.**

◆ NOTE ◆

The message "Prepare Installation" appears here.
Note that the uninstallation process then starts, and not the installation process as the message indicates.

→ In about one minute, the uninstall process ends.

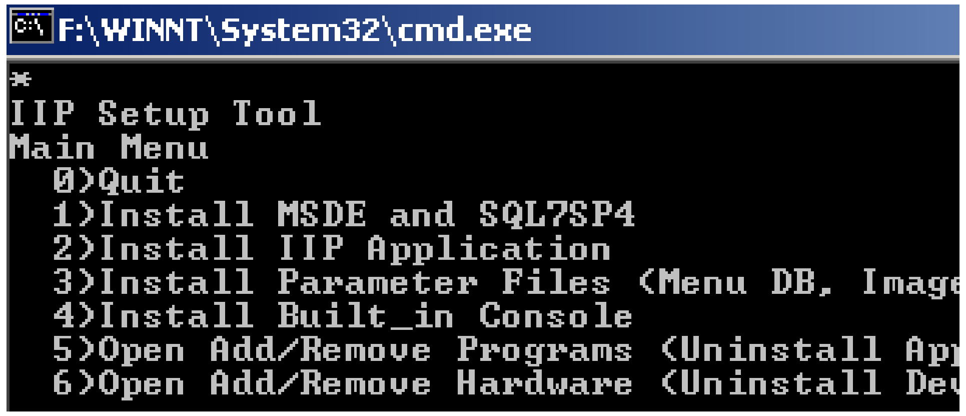
6. **Close the "Add/Remove Programs" window.**

   → You are then returned to the "IIP Setup Tool" menu.

Uninstalling the old PEI board driver

Complete the following steps only when the LP is used:

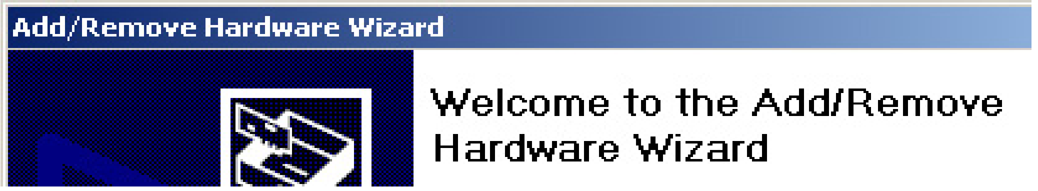
1. **From the "IIP Setup Tool" menu window, type in the number "6" and then press the <Enter> key.**



```
F:\WINNT\System32\cmd.exe
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall Ap
  6)Open Add/Remove Hardware (Uninstall De
```

RI000097.EPS

→ The "Add/Remove Hardware Wizard" window opens.



Add/Remove Hardware Wizard

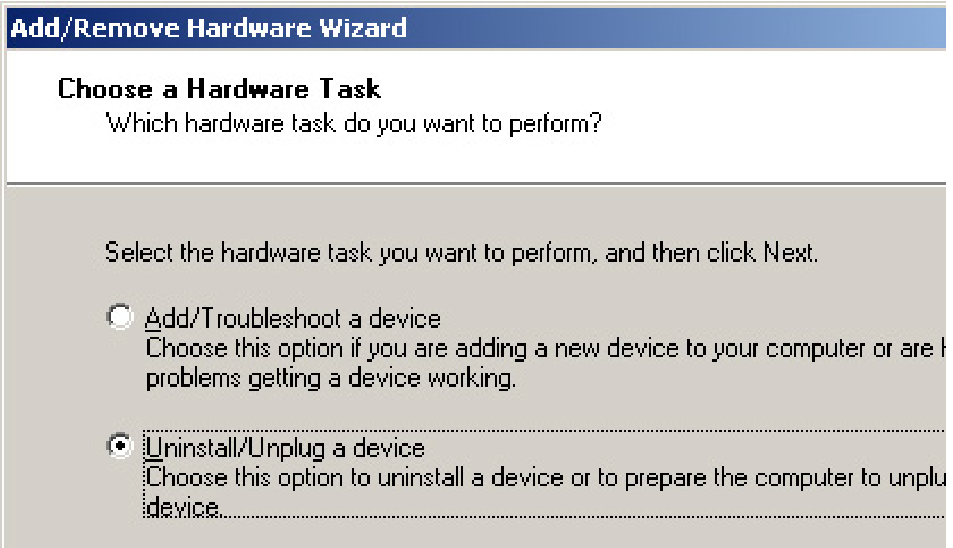
Welcome to the Add/Remove Hardware Wizard

RI000012.EPS

2. **Click** Next > **.**

➔ The “Choose a Hardware Task” window opens.

3. **Choose** ● Uninstall/Unplug a device Choose this option to uninstall a de device. **and then click** Next > **.**



Add/Remove Hardware Wizard

Choose a Hardware Task
Which hardware task do you want to perform?

Select the hardware task you want to perform, and then click Next.

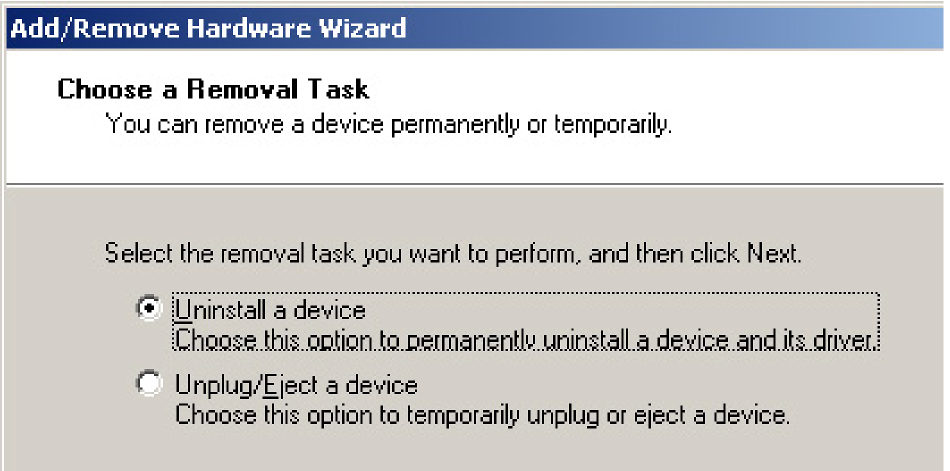
○ Add/Troubleshoot a device
Choose this option if you are adding a new device to your computer or are h problems getting a device working.

● Uninstall/Unplug a device
Choose this option to uninstall a device or to prepare the computer to unplu device.

RI000013.EPS

➔ The “Choose a Removal Task” window opens.

4. **Verify that** ● Uninstall a device Choose this option to permanently un **is chosen, and then click** Next > **.**



Add/Remove Hardware Wizard

Choose a Removal Task
You can remove a device permanently or temporarily.

Select the removal task you want to perform, and then click Next.

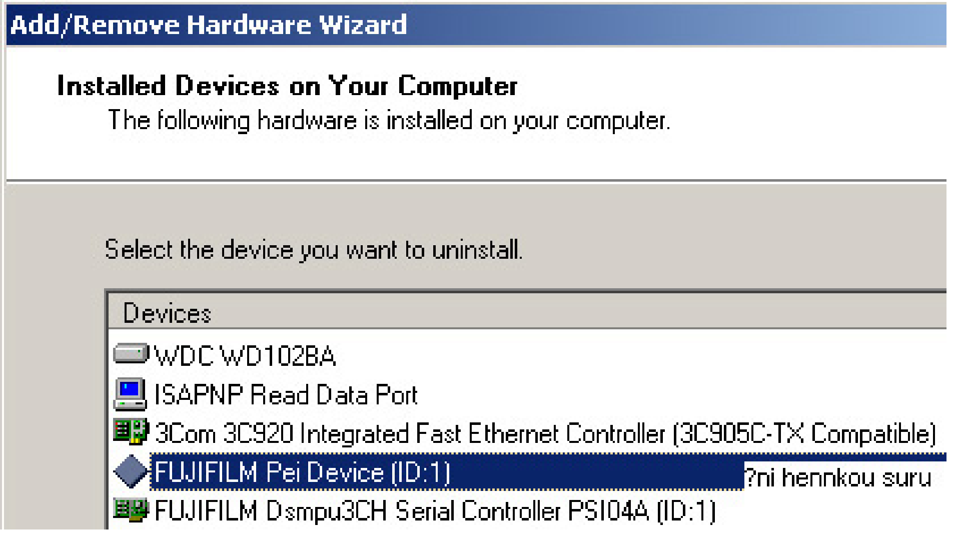
● Uninstall a device
Choose this option to permanently uninstall a device and its driver.

○ Unplug/Eject a device
Choose this option to temporarily unplug or eject a device.

RI000014.EPS

➔ The “Installed Devices on Your Computer” window opens.

5. **Choose** FUJIFILM Pei Device (ID:1) **and then click** Next > **.**



Add/Remove Hardware Wizard

Installed Devices on Your Computer
The following hardware is installed on your computer.

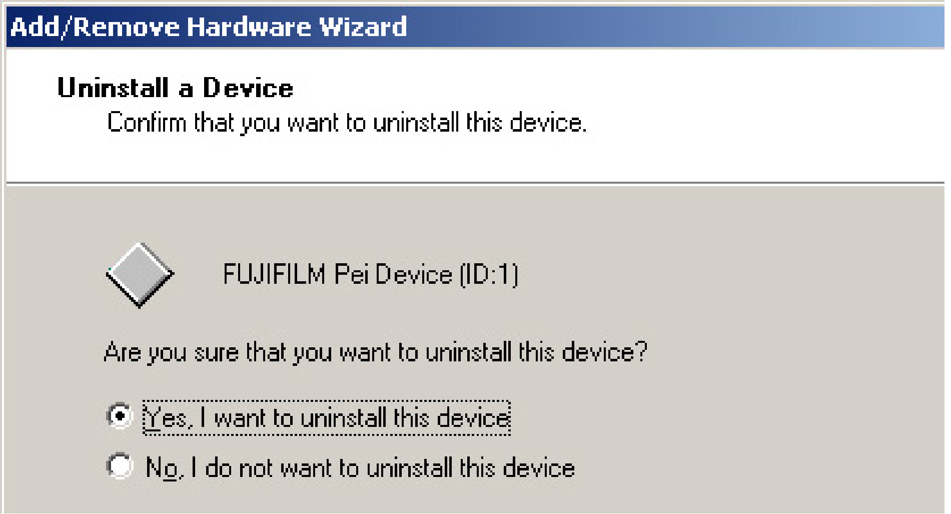
Select the device you want to uninstall.

Devices
WDC WD102BA
ISAPNP Read Data Port
3Com 3C920 Integrated Fast Ethernet Controller (3C905C-TX Compatible)
FUJIFILM Pei Device (ID:1) ?ni hennkou suru
FUJIFILM Dsmpu3CH Serial Controller PSI04A (ID:1)

RI000015.EPS

➔ The “Uninstall a Device” window opens.

6. **Choose** ● Yes, I want to uninstall this device **and then click** Next > **.**



Add/Remove Hardware Wizard

Uninstall a Device
Confirm that you want to uninstall this device.

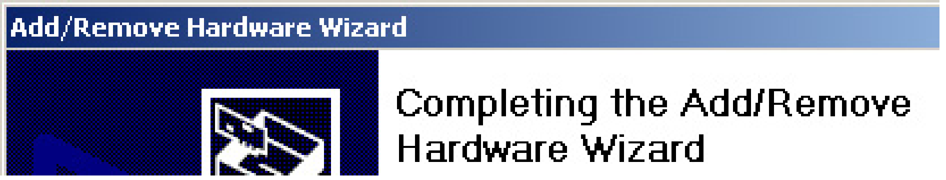
FUJIFILM Pei Device (ID:1)

Are you sure that you want to uninstall this device?

● Yes, I want to uninstall this device
○ No, I do not want to uninstall this device

RI000016.EPS

➔ The “Completing the Add/Remove Hardware Wizard” window opens.



Add/Remove Hardware Wizard

Completing the Add/Remove Hardware Wizard

RI000017.EPS

7. **Click** Finish **.**

➔ You are then returned to the “IIP Setup Tool” menu.

■ Uninstalling the Built_in Console software

◆ NOTE ◆

After the console software is uninstalled, be sure to reinstall it.
If it is left uninstalled, the CL-AP does not start up.

1. **Enter "5" from the "IIP Setup Tool" menu and then press the <Enter> key.**

➔ The "Add/Remove Programs" window opens.

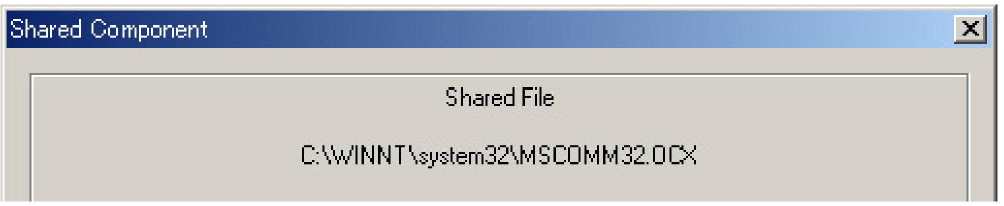
2. **Select "Built_inConsole" and click** Change/Remove **.**

➔ The "Application Removal" window opens.

3. **Click** Yes **.**

➔ InstallShield then opens to start uninstalling MSDE.

After a while, the "Shared Component" window opens.



Shared File

C:\WINNT\system32\MSCOMM32.OCX

RI000009.EPS

4. **Click** Remove All **.**

➔ The uninstallation process ends and then a confirmation window opens.

5. **Click** OK **.**

➔ The system returns to the "Add/Remove Programs" window.

6. **Close the "Add/Remove Programs" window and then Control Panel.**

■ Uninstalling FRIS Modules

1. **Use the "IIP Setup Tool" menu to input "5" and press the <Enter> key.**

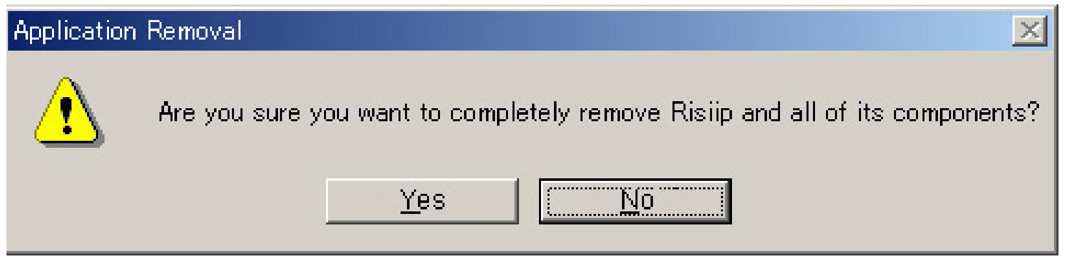
➔ The "Add/Remove Application" window opens.

2. **Select "Risiip".**

➔ "Risiip" will be displayed in reverse video.

3. **Click** Change/Remove **.**

➔ The "Application Removal" window opens.



Are you sure you want to completely remove Risiip and all of its components?

RI000075.EPS

4. **Click** Yes **.**

➔ After about one minute, a window opens asking you to confirm completion of removal processing.

◆ NOTE ◆

If the "Shared Component" window (that asks if you wish to delete the Shared File) is displayed during the uninstallation process, click Remove All *, and then* OK *on the confirmation window.*

5. **Click** OK **.**

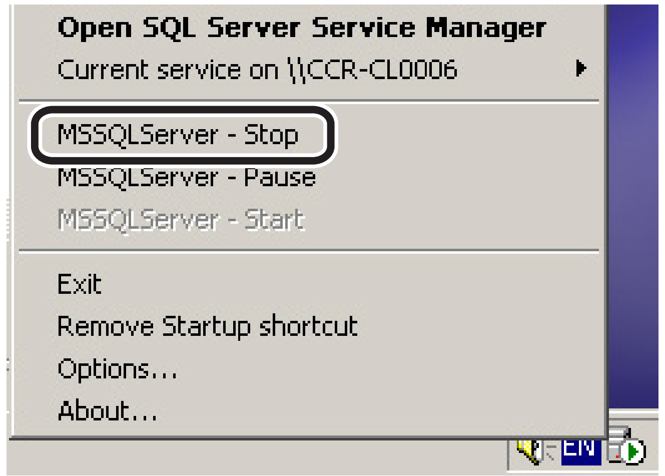
➔ The system returns to the "Add/Remove Application" window.

6. **Exit the "Add/Remove Application" window.**

➔ The system then returns to the "IIP Setup Tool" menu.

■ Upgrading the MSDE service pack (SQL7SP4) software version

1. **Right-click in the task tray at the lower right corner of the desktop, and then click "MS SQL Server-Stop".**

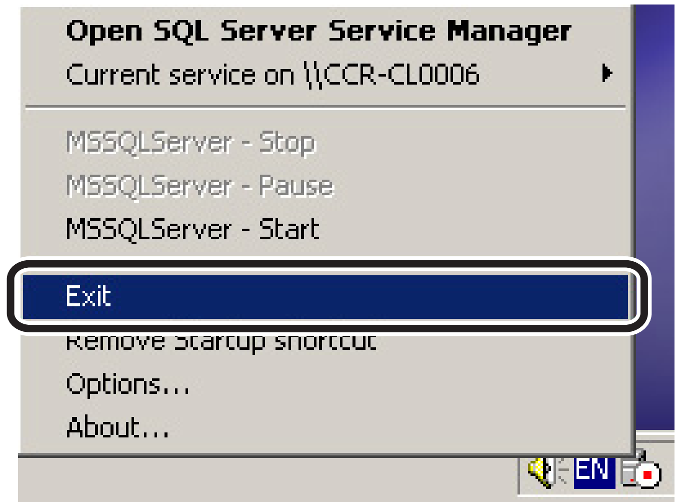

Open SQL Server Service Manager
Current service on \\CCR-CL0006
MSSQLServer - Stop
MSSQLServer - Pause
MSSQLServer - Start
Exit
Remove Startup shortcut
Options...
About...
EN

00000473.EPS

➔ The "SQL Server Service Manager" window opens.

2. **Click Yes.**

3. **Right-click in the task tray again, and then click "Exit".**


Open SQL Server Service Manager
Current service on \\CCR-CL0006
MSSQLServer - Stop
MSSQLServer - Pause
MSSQLServer - Start
Exit
Remove Startup shortcut
Options...
About...
EN

00000474.EPS

➔ The icon disappears from the task tray.

4. **Perform the following settings.**

● For Windows 2000

- Double-click My Computer on the desktop.

  ➔ The "My Computer" window opens.

- Double-click Control Panel.

  ➔ The "Control Panel" window opens.

● For Windows XP

Select Control Panel from the Start menu.

➔ The "Control Panel" window opens.

5. **Double-click Add/Remove Programs.**

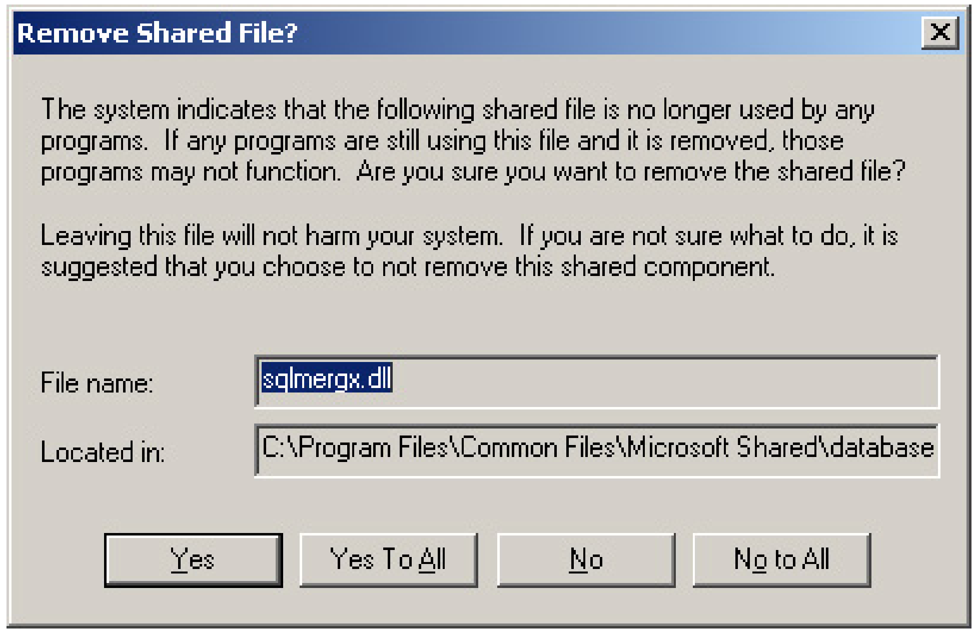
➔ The "Add/Remove Programs" window opens.

6. **Select "MSDE" and then click Change/Remove.**

➔ The "Confirm File Deletion" window opens.

7. **Click Yes.**

➔ The installation shield starts running to initiate an MSDE uninstallation.
After a while, the “Remove Shared File?” window opens.



Remove Shared File?

The system indicates that the following shared file is no longer used by any programs. If any programs are still using this file and it is removed, those programs may not function. Are you sure you want to remove the shared file?

Leaving this file will not harm your system. If you are not sure what to do, it is suggested that you choose to not remove this shared component.

File name: sqlmergx.dll

Located in: C:\Program Files\Common Files\Microsoft Shared\database

00000475.EPS

8. **Click Yes To All.**

➔ A confirmation window opens.

9. **Click Yes.**

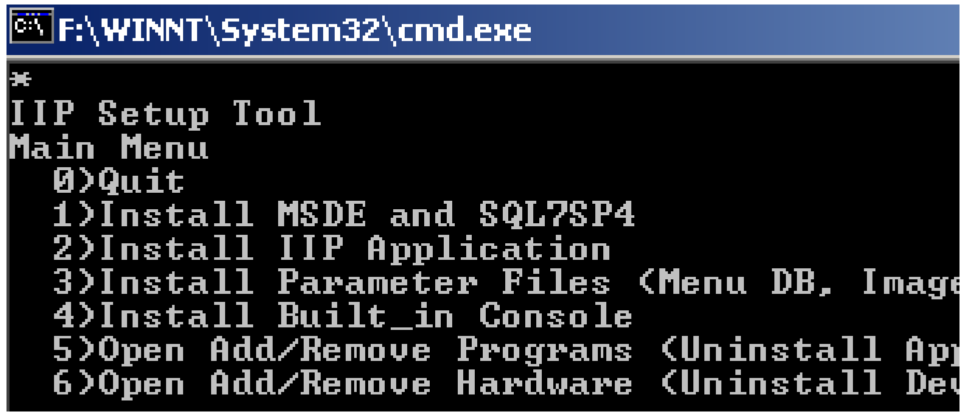
➔ Uninstallation ends in ten seconds.

10. **Click OK.**

➔ The system then returns to the “Add/Remove Programs” window.

11. **Close the “Add/Remove Programs” window and Control Panel.**

12. **From the “IIP Setup Tool” menu window, type in “1” and then press the <Enter> key.**



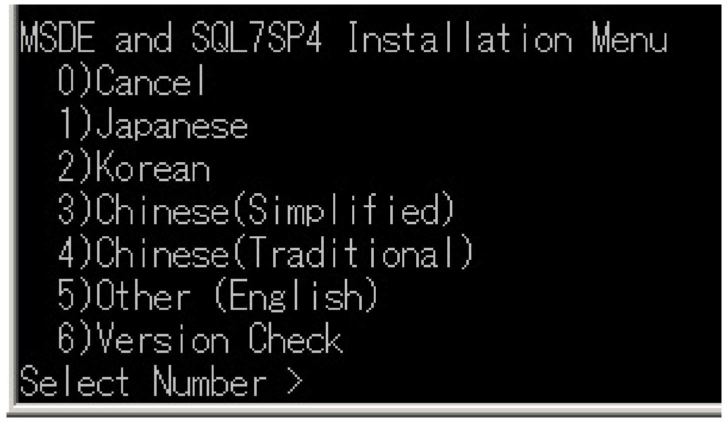
F:\WINNT\System32\cmd.exe

```
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall Ap
  6)Open Add/Remove Hardware (Uninstall De
```

RI000097.EPS

➔ The MSDE and service pack installation window opens.

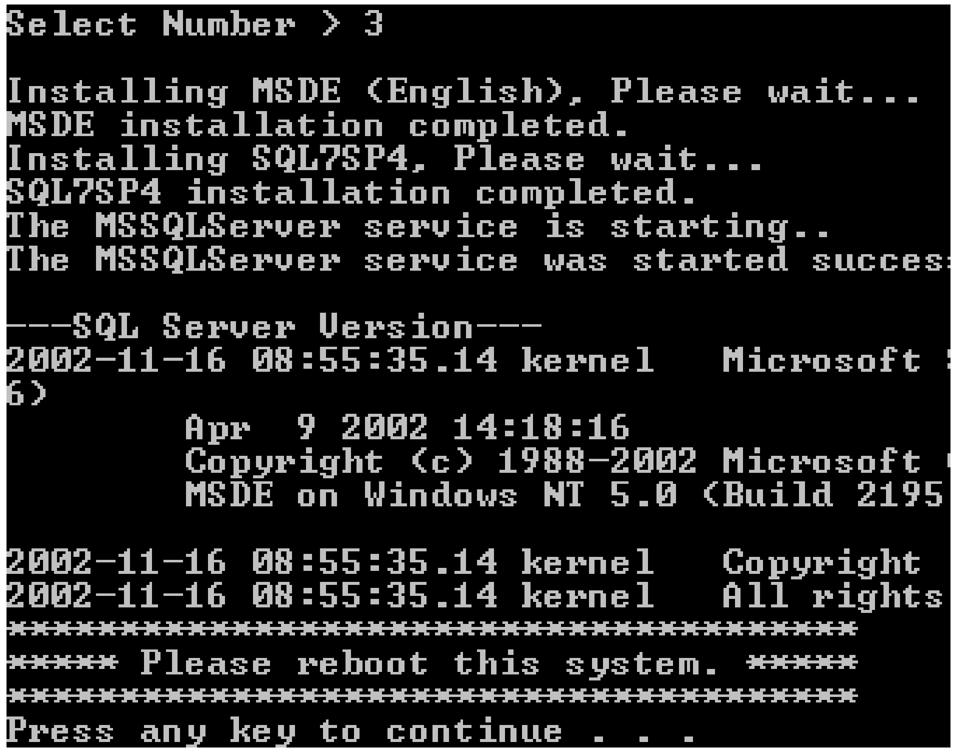
13. **Enter “5” and press the <Enter> key.**



```
MSDE and SQL7SP4 Installation Menu
  0)Cancel
  1)Japanese
  2)Korean
  3)Chinese(Simplified)
  4)Chinese(Traditional)
  5)Other (English)
  6)Version Check
Select Number >
```

RI000098.EPS

➔ The service pack installation process will start. The MSDE installation process will end in about ten minutes. (It takes 20 to 30 minutes depending on the number of images stored on the HD.)



```
Select Number > 3

Installing MSDE (English), Please wait...
MSDE installation completed.
Installing SQL7SP4, Please wait...
SQL7SP4 installation completed.
The MSSQLServer service is starting..
The MSSQLServer service was started succes

---SQL Server Version---
2002-11-16 08:55:35.14 kernel    Microsoft
6)
        Apr  9 2002 14:18:16
        Copyright (c) 1988-2002 Microsoft
        MSDE on Windows NT 5.0 (Build 2195

2002-11-16 08:55:35.14 kernel    Copyright
2002-11-16 08:55:35.14 kernel    All rights
**************************************
***** Please reboot this system. *****
**************************************
Press any key to continue . . .
```

RI000200.EPS

14. **Press the <Enter> key.**

➔ The “IIP Setup Tool” menu ends.

15. **Remove the CL-AP CD from the CD-ROM drive.**

16. **Restart the CL to implement the upgraded MSDE.**

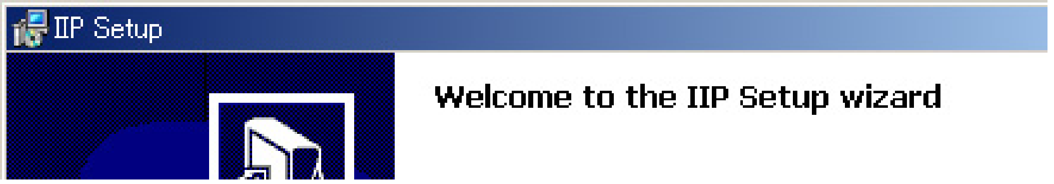
17. **The username and login window will appear while the CL is being restarted. Enter the password in one-byte characters.**

Username : Administrator
Password : fcr-iip

■ Installing the CL-AP

1. **From the IIP Setup Tool main menu, type in “2” and then press the <Enter> key.**

   ➔ The installer starts running and the “IIP Setup/Welcome to the ...” window opens.



IIP Setup

Welcome to the IIP Setup wizard

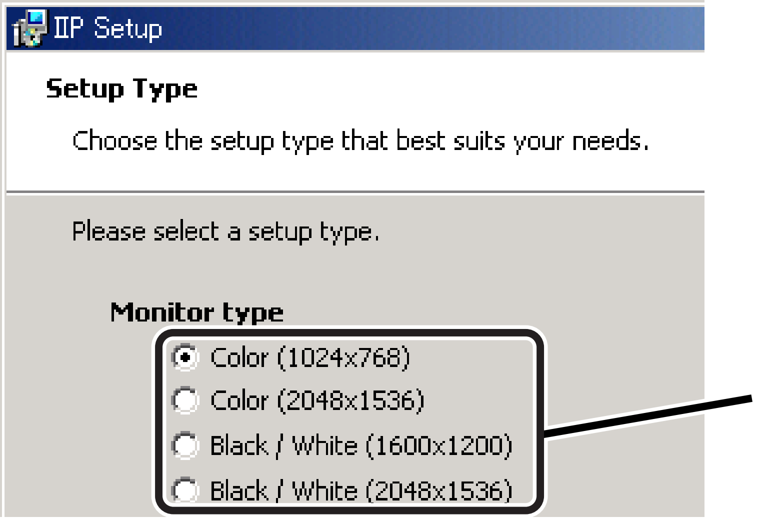
00000178.EPS

2. **Click Next >.**

   ➔ The “IIP Setup/Setup Type” window opens.

3. **Select the monitor type to be used, and then click Next >.**

   - When a 15" monitor with a touch panel or a 17" CRT monitor is used, choose “Color (1024 × 768)”.
   - When the color Super Resolution LCD Monitor SL-IC300 is used, choose “Color (2048 × 1536)”.
   - When the Ikegami 1k landscape monitor is to be used, select “Black/White (1600 × 1200)”.
   - When the monochrome Super Resolution LCD Monitor SL-IC 300 is used, choose “Black/White (2048 × 1536)”.



IIP Setup

Setup Type

Choose the setup type that best suits your needs.

Please select a setup type.

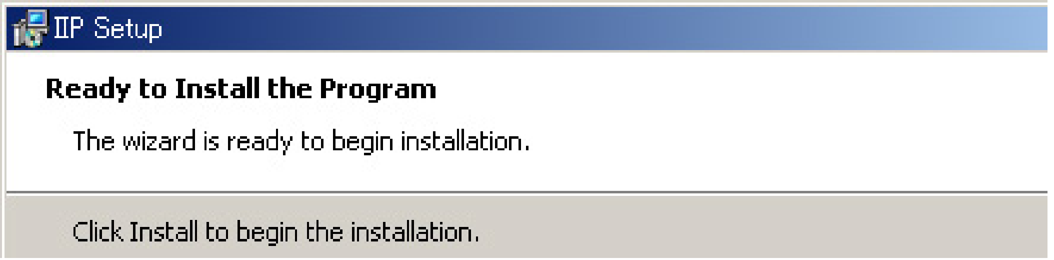
Monitor type

● Color (1024x768)
○ Color (2048x1536)
○ Black / White (1600x1200)
○ Black / White (2048x1536)

Select the monitor type to be used.

RI000100.EPS

➔ The “IIP Setup/Ready to Install the Program” window opens.



IIP Setup

Ready to Install the Program

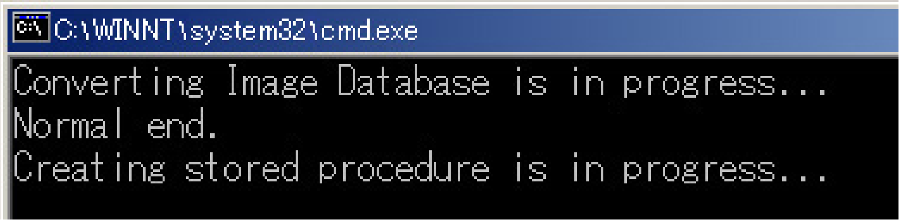
The wizard is ready to begin installation.

Click Install to begin the installation.

00000180.EPS

4. **Click Install.**

   ➔ The following window opens in several minutes (five to 30 minutes).



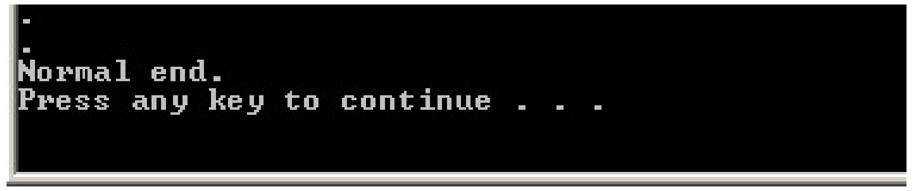
C:\WINNT\system32\cmd.exe

```
Converting Image Database is in progress...
Normal end.
Creating stored procedure is in progress...
```

RI000026.EPS

◆ NOTE ◆

Although a message saying that “Image Database does not exist.” can appear for software versions A04 or later, the CL-AP installation processing will not be affected.

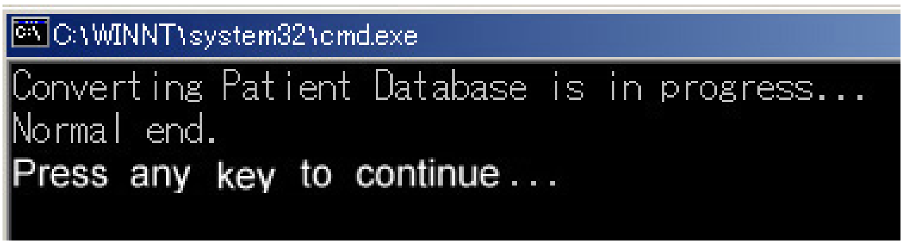


```
.
.
Normal end.
Press any key to continue . . .
```

RI000032.EPS

5. **Press <Enter>.**

➔ The following window opens in several seconds.



```
Converting Patient Database is in progress...
Normal end.
Press any key to continue...
```

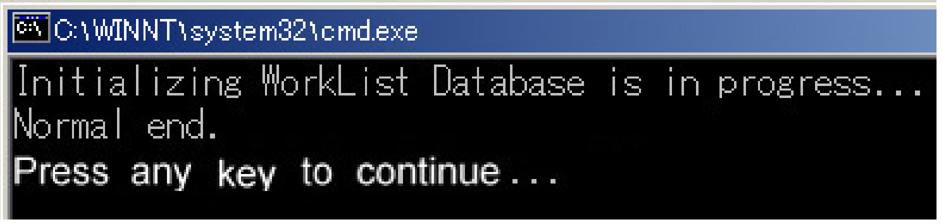
RI000027.EPS

◆ **NOTE** ◆

Although a message saying that “Patient Database does not exist.” can appear for software versions A04 or later, the CL-AP installation processing will not be affected.

6. **Press <Enter>.**

➔ The following window opens in several seconds.



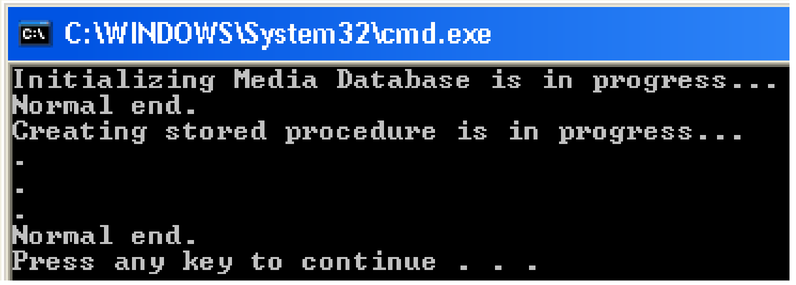
```
Initializing WorkList Database is in progress...
Normal end.
Press any key to continue...
```

RI000028.EPS

7. **Press the <Enter> key.**

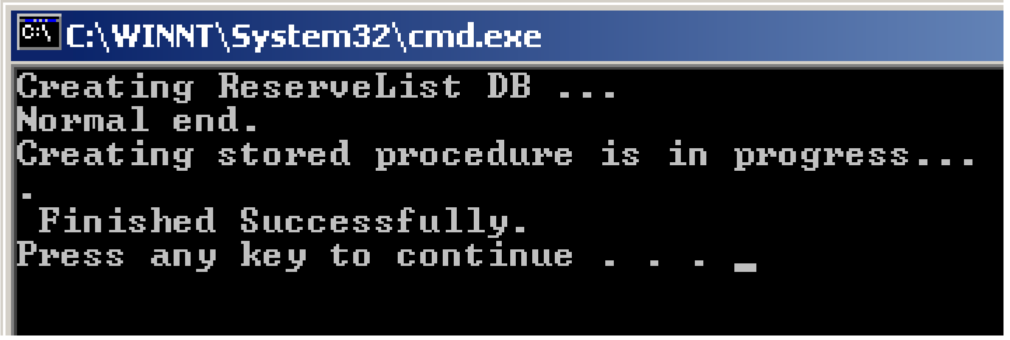
◆ **NOTE** ◆

When the software version used is V2.0 (B), the two windows like those shown below open. Press the <Enter> key and ensure that installation processing has ended. Proceed then to step 9.



```
Initializing Media Database is in progress...
Normal end.
Creating stored procedure is in progress...
.
.
.
Normal end.
Press any key to continue . . .
```

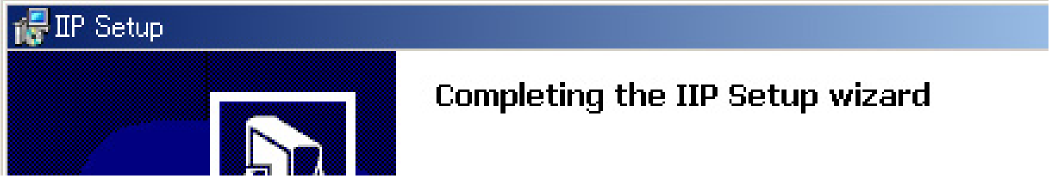
RI000227.EPS



```
Creating ReserveList DB ...
Normal end.
Creating stored procedure is in progress...
.
 Finished Successfully.
Press any key to continue . . . _
```

RI000105.EPS

➔ Installation processing completes showing then the “IIP Setup/Completing the IIP...” window.



Completing the IIP Setup wizard

00000181.EPS

8. **Click** Finish.

➔ The system then returns to the “IIP Setup Tool” menu.

9. **To use the Synapse server’s Web Query function, perform the procedure below.**

I. When the Synapse Client software is installed, uninstall it.

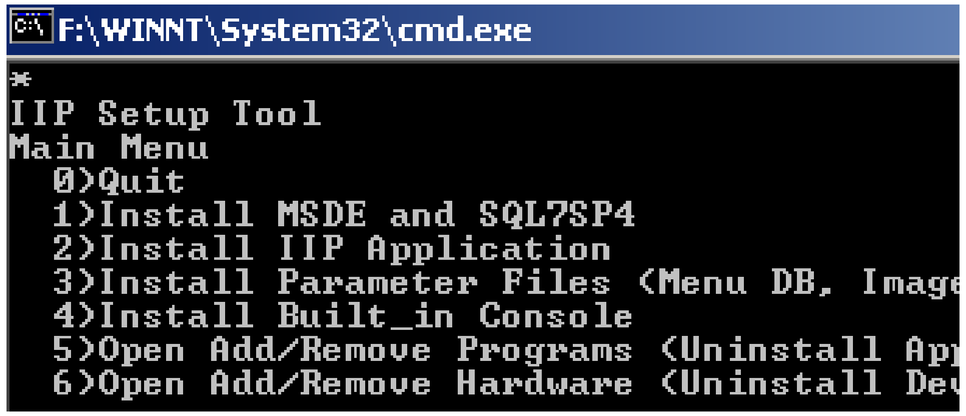
☞ **“12. Synapse Client Software (Synapse Workstation)” in “Appendix A Uninstalling the APs” under “RI: Reinstalling the Software”**

II. Install the Synapse Client software.

☞ **“CL + Synapse Server (Web Query)” in “OE19: Connecting the CL to Other Equipment”**

■ Installing the Built_in Console software

1. **From the “IIP Setup Tool” menu, type in “4 and then press the <Enter> key.**



F:\WINNT\System32\cmd.exe

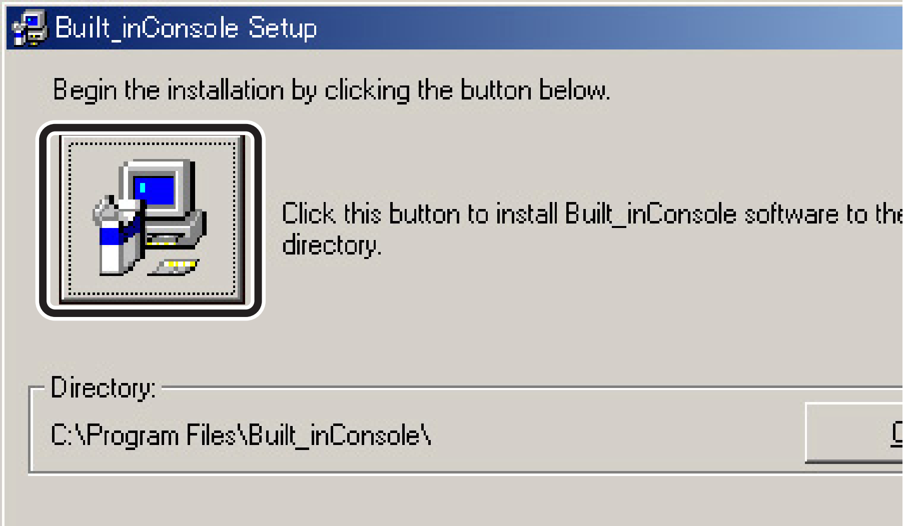
```
*
IIP Setup Tool
Main Menu
  0)Quit
  1)Install MSDE and SQL7SP4
  2)Install IIP Application
  3)Install Parameter Files (Menu DB, Image
  4)Install Built_in Console
  5)Open Add/Remove Programs (Uninstall Ap
  6)Open Add/Remove Hardware (Uninstall De
```

RI000097.EPS

➔ The “Built_in Console Setup” window opens.

2. **Click** OK.

3. **Click** .



Begin the installation by clicking the button below.

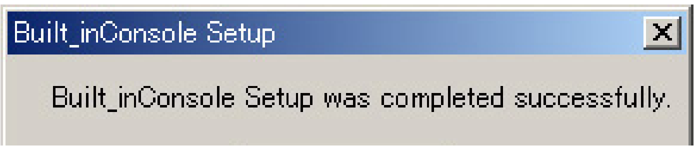
Click this button to install Built_inConsole software to the directory.

Directory:

C:\Program Files\Built_inConsole\

RI000031.EPS

➔ When the installation procedure ends, a message appears to indicate the completion of installation.



Built_inConsole Setup was completed successfully.

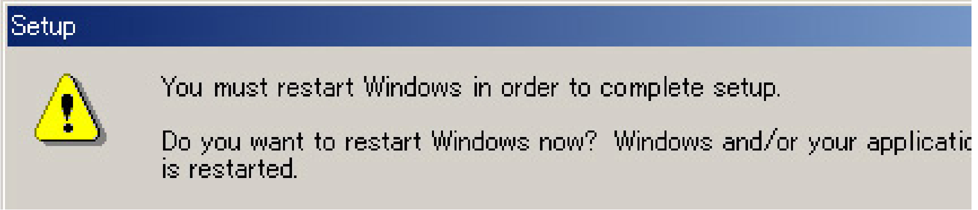
RI000029.EPS

4. **Click** OK.

➔ A dialog box opens, prompting you to restart the PC.

5. **Remove the CD-ROM from the CD-ROM drive.**

6. **Click** Yes.



You must restart Windows in order to complete setup.

Do you want to restart Windows now? Windows and/or your applicatic is restarted.

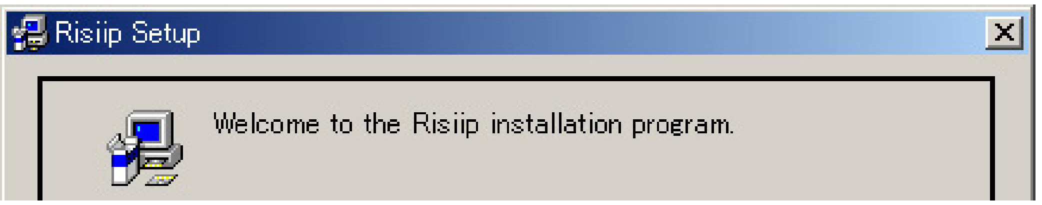
RI000030.EPS

➔ The PC restarts.

■ Installing FRIS Modules

1. **Start “IIP Setup Tool” and then choose “10) Install FRIS Modules”.**

   ➔ The [Risiip Setup] window opens.



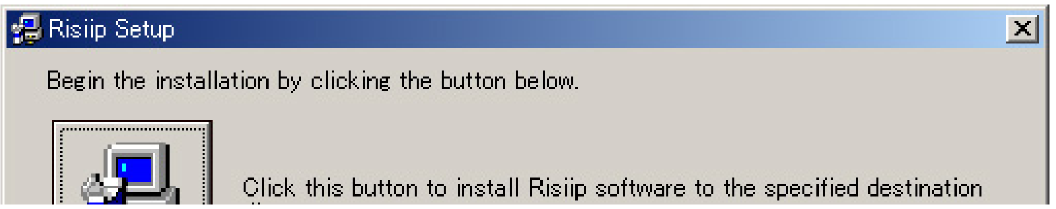
Risiip Setup

Welcome to the Risiip installation program.

RI000042.EPS

2. **Click OK.**

   ➔ A window opens, prompting you to start the installation.



Risiip Setup

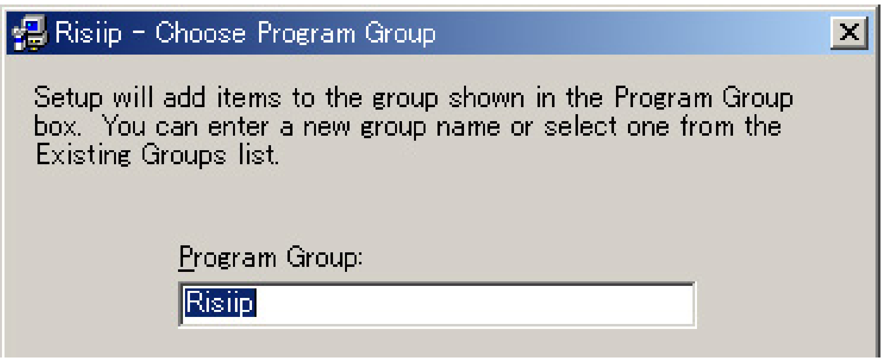
Begin the installation by clicking the button below.

Click this button to install Risiip software to the specified destination

RI000043.EPS

3. **Click .**

   ➔ The [Risiip - Choose Program Group] window opens.



Risiip - Choose Program Group

Setup will add items to the group shown in the Program Group box. You can enter a new group name or select one from the Existing Groups list.

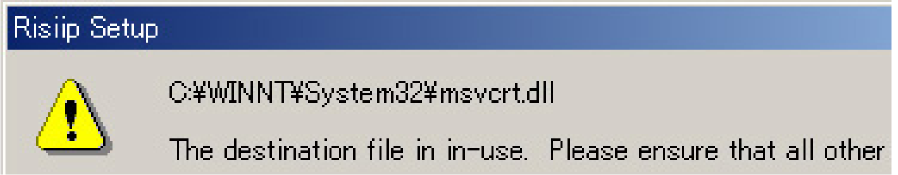
Program Group:

Risiip

RI000044.EPS

4. **Click Continue.**

   ➔ The following warning window opens:



Risiip Setup

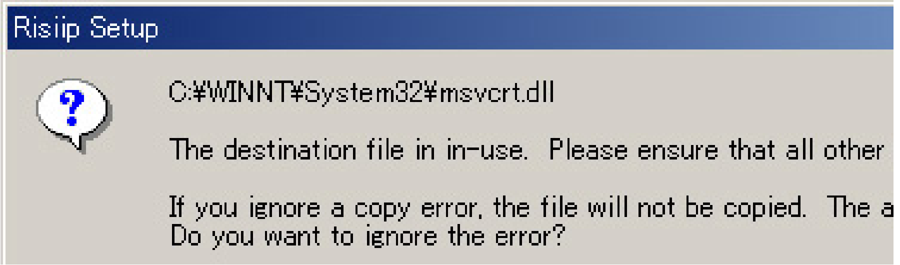
C:¥WINNT¥System32¥msvcrt.dll

The destination file in in-use. Please ensure that all other

RI000045.EPS

5. **Click Ignore.**

   ➔ The following window opens.



Risiip Setup

C:¥WINNT¥System32¥msvcrt.dll

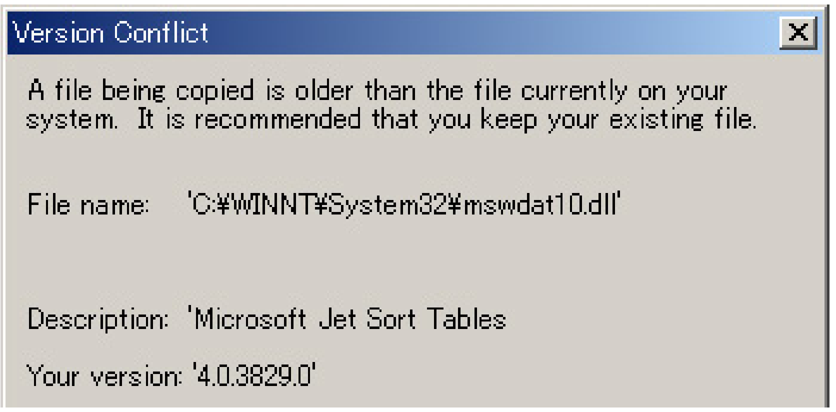
The destination file in in-use. Please ensure that all other

If you ignore a copy error, the file will not be copied. The a
Do you want to ignore the error?

RI000046.EPS

6. **Click Yes.**

   ➔ The following window opens.



Version Conflict

A file being copied is older than the file currently on your system. It is recommended that you keep your existing file.

File name: 'C:¥WINNT¥System32¥mswdat10.dll'

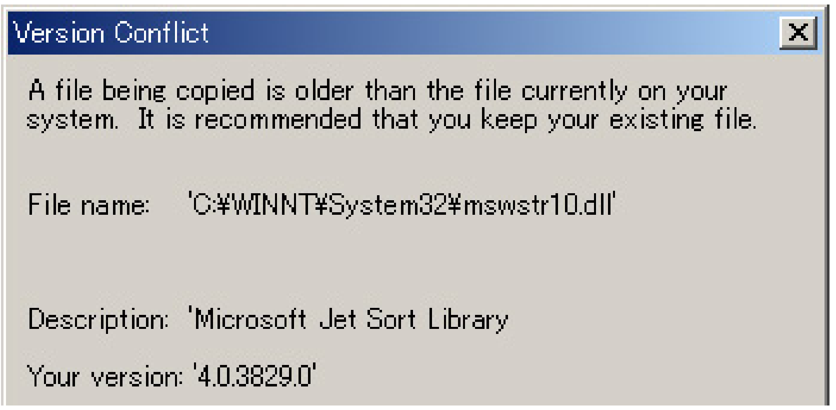
Description: 'Microsoft Jet Sort Tables

Your version: '4.0.3829.0'

RI000047.EPS

7. **Click Yes.**

→ The following window opens.



Version Conflict

A file being copied is older than the file currently on your system. It is recommended that you keep your existing file.

File name: 'C:¥WINNT¥System32¥mswstr10.dll'

Description: 'Microsoft Jet Sort Library

Your version: '4.0.3829.0'

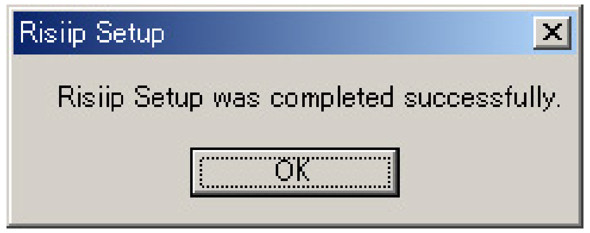
RI000048.EPS

8. **Click Yes.**

9. **If the "Version Conflict" window opens again, click Yes.**

   If the same window still opens again, click Yes repeatedly until a message appears to indicate the installation is completed.

10. **Click OK on the window that opens at step 9. above.**



Risiip Setup

Risiip Setup was completed successfully.

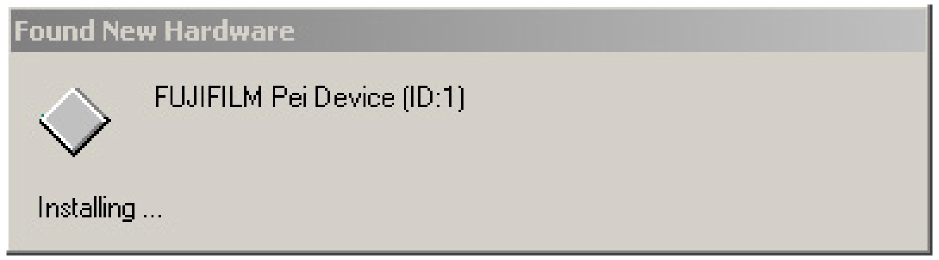
RI000049.EPS

→ The installation process for the FRIS Modules is thus completed.

■ Installing the new PEI board driver

The new PEI board driver is automatically installed after the PC is restarted.

1. **The CL-AP starts up in about two minutes after a PC restart. While the CL-AP startup process in progress, verify that the new PEI board driver is installed (the following window opens and remain displayed for several seconds during the startup process).**



FUJIFILM Pei Device (ID:1)

Installing ...

RI000025.EPS

2. **Deliver a film output signal to the LP and verify that the LP generates a proper film output.**

☞ **If the LP does not generate a film output, see "3.2 Typical Procedure for Achieving Recovery from an LP (Local Printer) Printout Generation Failure" under "MT: Machine Troubleshooting".**

■ Setting dummy nodes

If no nodes have been set up for "Setup Configuration Item" – "NETWORK CONFIG" – "THIS HOST(IIP)" in the Service Utility mode, the DICOM Print SCU needs to be set up as the dummy node.

It is not necessary to install the DICOM Print option key.

☞ **For the setup procedure, see "2.1.4 Setup of Information on This Equipment for the DICOM Print Function" under "OE5: Connecting the CL to Other Equipment".**

Appendix E Setup for Security Enhancement

To provide CL security enhancement, complete the following three setup procedures.

- Replacing the default password with a new password
- Changing the setup so that the computer prompts for password input at logon
- Defining the minimum character count for the password

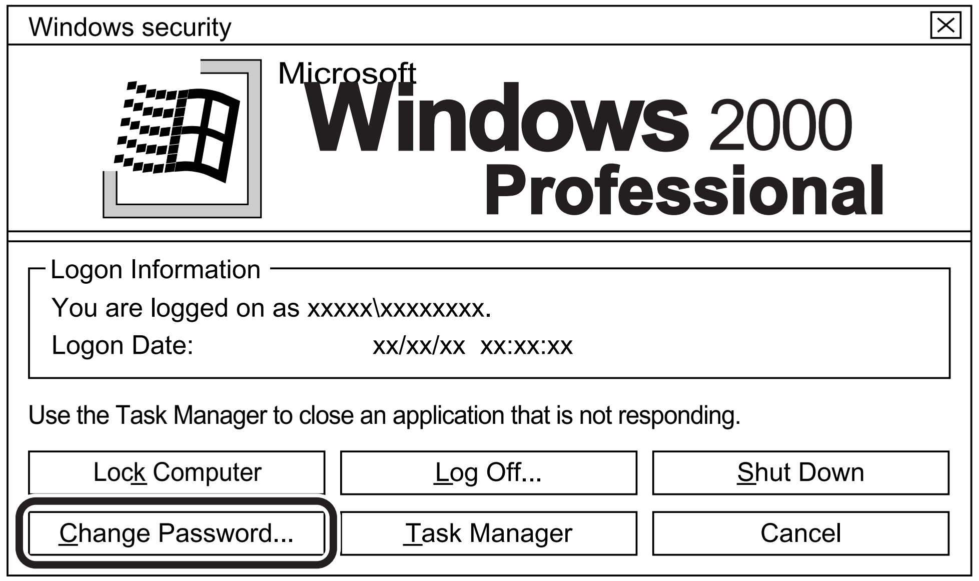
◆ NOTE ◆

Windows 2000 screens are used herein, whose contents are the same as those displayed by Windows XP.
When setting procedures to be performed are different between Windows 2000 and Windows XP, follow the procedure specific to the used OS to perform necessary settings.

■ Replacing the default password with a new password

1. Simultaneously press the [Ctrl], [Alt], and [Delete] keys.

➔ The “Windows Security” window opens.



Windows security

Logon Information
You are logged on as xxxxx\xxxxxxxx.
Logon Date: xx/xx/xx xx:xx:xx

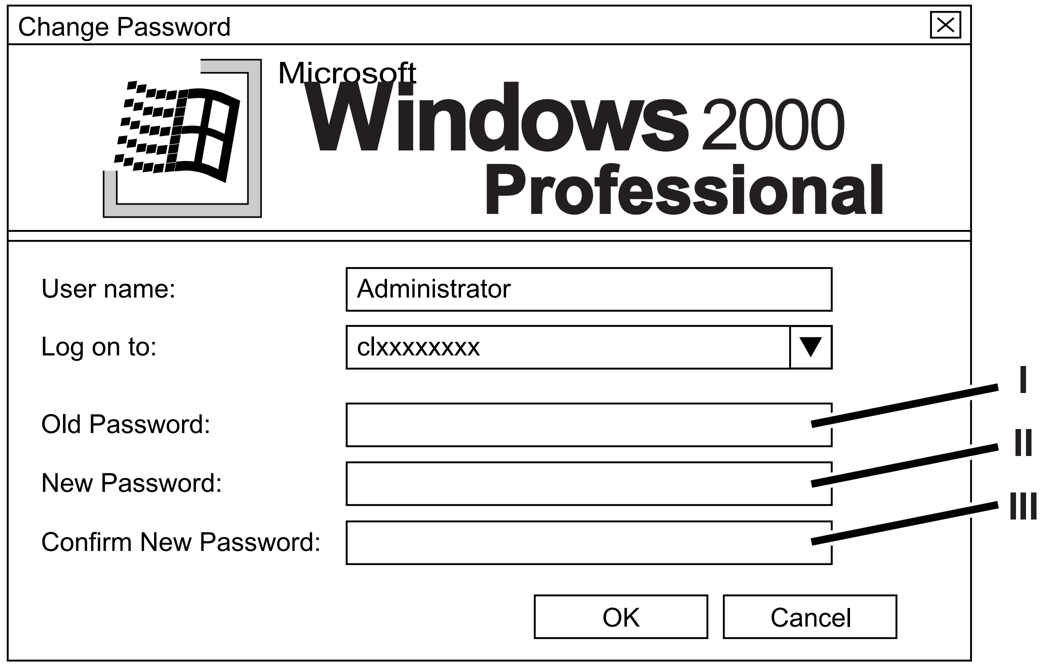
Use the Task Manager to close an application that is not responding.

RI000078.EPS

2. Click the [Change Password...] button.

➔ The “Change Password” window opens.

3. From the “Change Password” window, perform the following setup steps.



Change Password

User name: Administrator
Log on to: clxxxxxxxx
Old Password:
New Password:
Confirm New Password:

RI000079.EPS

I. Enter the currently used password (fcr-iip by default).
II. Enter a new password consisting of no more than seven characters.
III. Enter the new password again for confirmation.

4. Click OK.

➔ A window opens for password change confirmation.

5. Click OK.

➔ You are then returned to the “Windows Security” window.

6. Click Cancel.

■ Changing the setup so that the computer prompts for password input at logon

1. Perform the following settings.

- For Windows 2000
  - Click Start, point to “Settings”, and then click “Control Panel”.

    ➔ The “Control Panel” window opens.

- For Windows XP

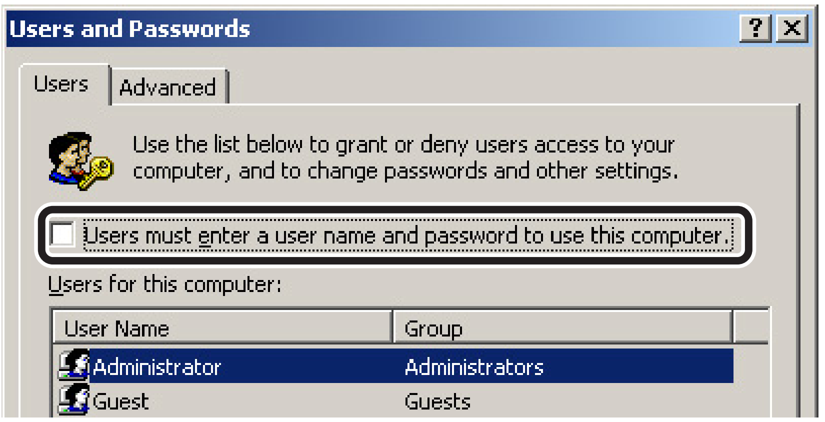
  Select Control Panel from the Start menu.

  ➔ The “Control Panel” window opens.

2. Double-click Users and Passwords.

➔ The “Users and Passwords” window opens.

3. Check “Users must enter a user name and password to use this computer.” (☐ ➔ ☑).



Use the list below to grant or deny users access to your computer, and to change passwords and other settings.

☐ Users must enter a user name and password to use this computer.

Users for this computer:

User Name	Group
Administrator	Administrators
Guest	Guests

RI000080.EPS

4. Click OK.

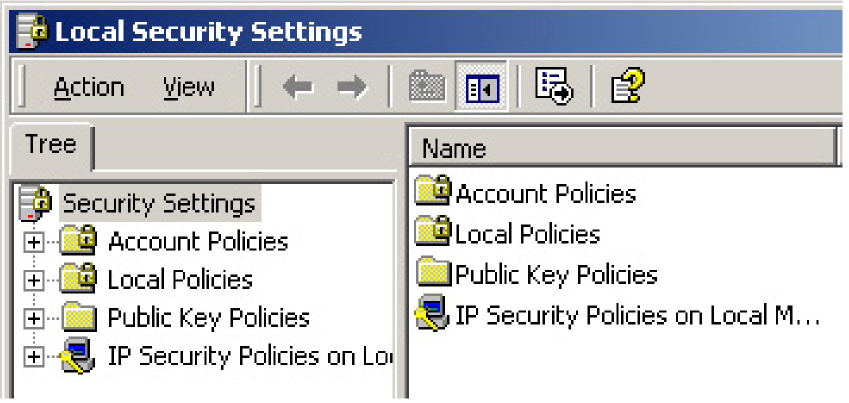
➔ The system then returns to the Control Panel.

■ Defining the minimum character count for the password

1. **Open “Control Panel”.**

Double-click Administrative Tools **and then** Local Security Policy.

➔ The “Local Security Settings” window opens.


Local Security Settings
Action
View
Tree
Name
Security Settings
Account Policies
Local Policies
Public Key Policies
IP Security Policies on Lo
Account Policies
Local Policies
Public Key Policies
IP Security Policies on Local M...

RI000081.EPS

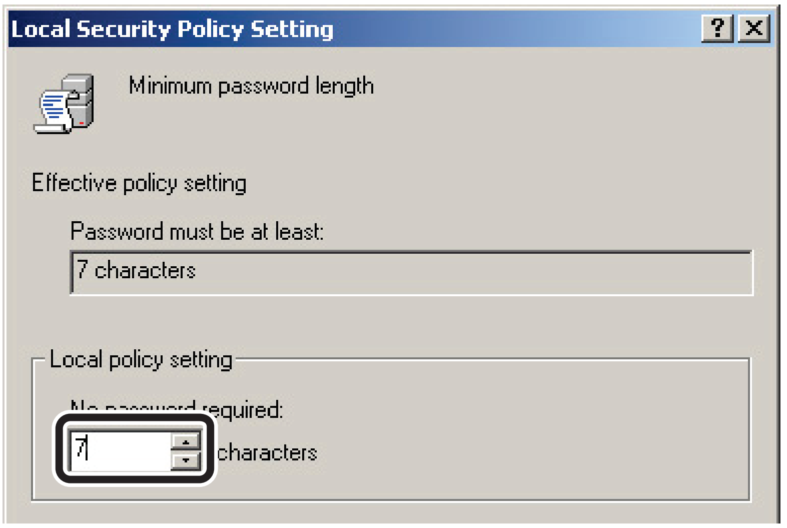
2. **Click the ⊞ mark for** Account Policies **and then click** Password Policy.

➔ The right-hand pane shows the password policy settings.

3. **Double-click** Minimum password length.

➔ The “Local Security Policy Setting” window opens.

4. **Set the number of password characters to “7”.**



Local Security Policy Setting

Minimum password length

Effective policy setting

Password must be at least:

7 characters

Local policy setting

No password required:

7 characters

RI000082.EPS

5. **Click** OK.

➔ You are then returned to the “Local Security Settings” window.

6. **Close the “Local Security Settings” window.**

7. **Close the “Administrative Tools” window.**

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Appendix F Installing the Video Board Driver

The installation steps for the Matrox Millennium G450 video board driver (hereinafter abbreviated to the G450 video driver) are described below:

- ■ Connecting the jig monitor
- ■ Installing the video driver
- ■ Setting the resolution

◆ NOTES ◆

- *The G450 video driver can be installed only when the PC for the employed CR CL MA (mammography CL) accepts the G450 video board.*
- *Windows 2000 screens are used herein, whose contents are the same as those displayed by Windows XP.*

■ Connecting the jig monitor

Since the Ikegami MDM2130 monitor does not support the VGA mode, no screen indication can be obtained during video driver installation. Therefore, the multiscan VGA monitor (having a display resolution of 1600 × 1200 or 1280 × 1024 and a refresh frequency provided by a horizontal frequency of 75 Hz and a vertical frequency of 93 kHz) is furnished as a jig. Connect this jig to the video board connector to which the Ikegami monitor is currently connected.

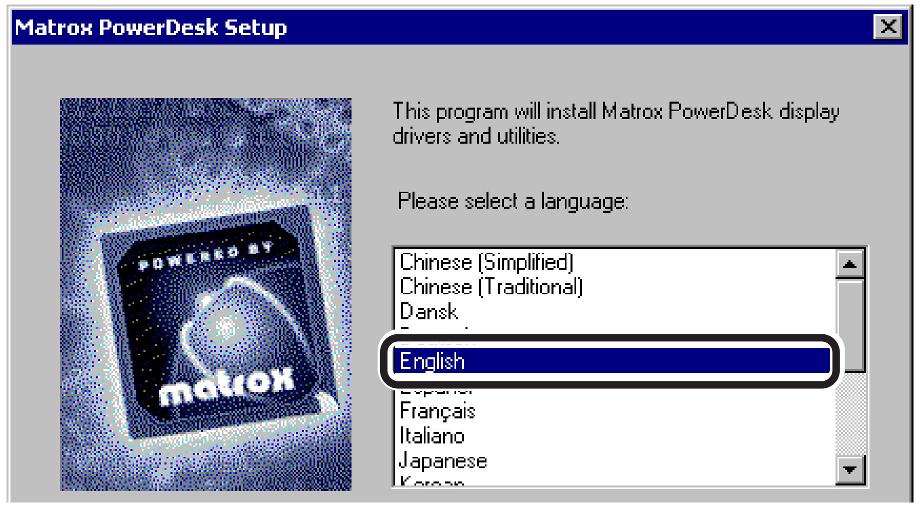
■ Installing the video driver

1. **Insert the "Matrox Millennium G450 CD-ROM" into the CD-ROM drive.**

2. **Double-click My Computer, MATROX_JP (E:), win2k, and Setup in order named.**

➔ The setup program starts running.

3. **Select a language and then click Next >.**



Matrox PowerDesk Setup

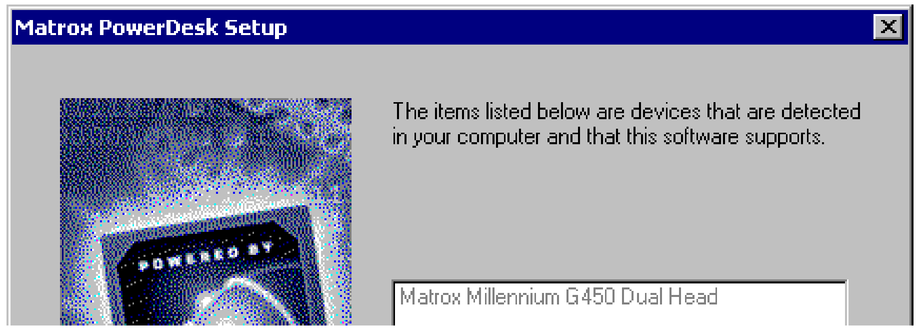
This program will install Matrox PowerDesk display drivers and utilities.

Please select a language:

Chinese (Simplified)
Chinese (Traditional)
Dansk
English
Français
Italiano
Japanese

RI000085.EPS

➔ A window opens to display the information about a supported device.



Matrox PowerDesk Setup

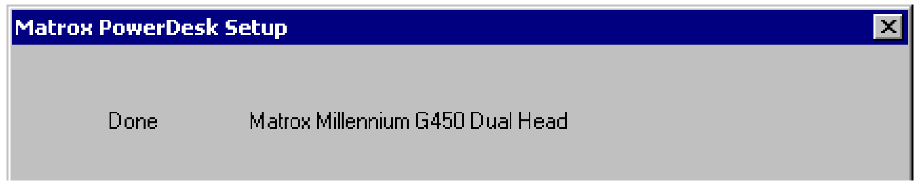
The items listed below are devices that are detected in your computer and that this software supports.

Matrox Millennium G450 Dual Head

RI000093.EPS

4. **Click** Next > **twice.**

➔ The installation process starts.
Upon completion of installation, a window opens to indicate the end of installation.



Matrox PowerDesk Setup

Done   Matrox Millennium G450 Dual Head

RI000094.EPS

5. **Click** Next > **.**

➔ A window opens, prompting you to restart the PC.

6. **Remove the video board driver CD-ROM from the CD-ROM drive.**

7. **Click** Finish **.**

➔ The PC restarts.
When the PC is restarted, the "Log On to Windows" window opens.

8. **Enter "fcr-iip" in the password field and then click** OK **.**

◆ NOTE ◆

The "User name" field reads "Administrator" by default. Leave this user name entry unchanged because you have to log onto Windows 2000 as Administrator.

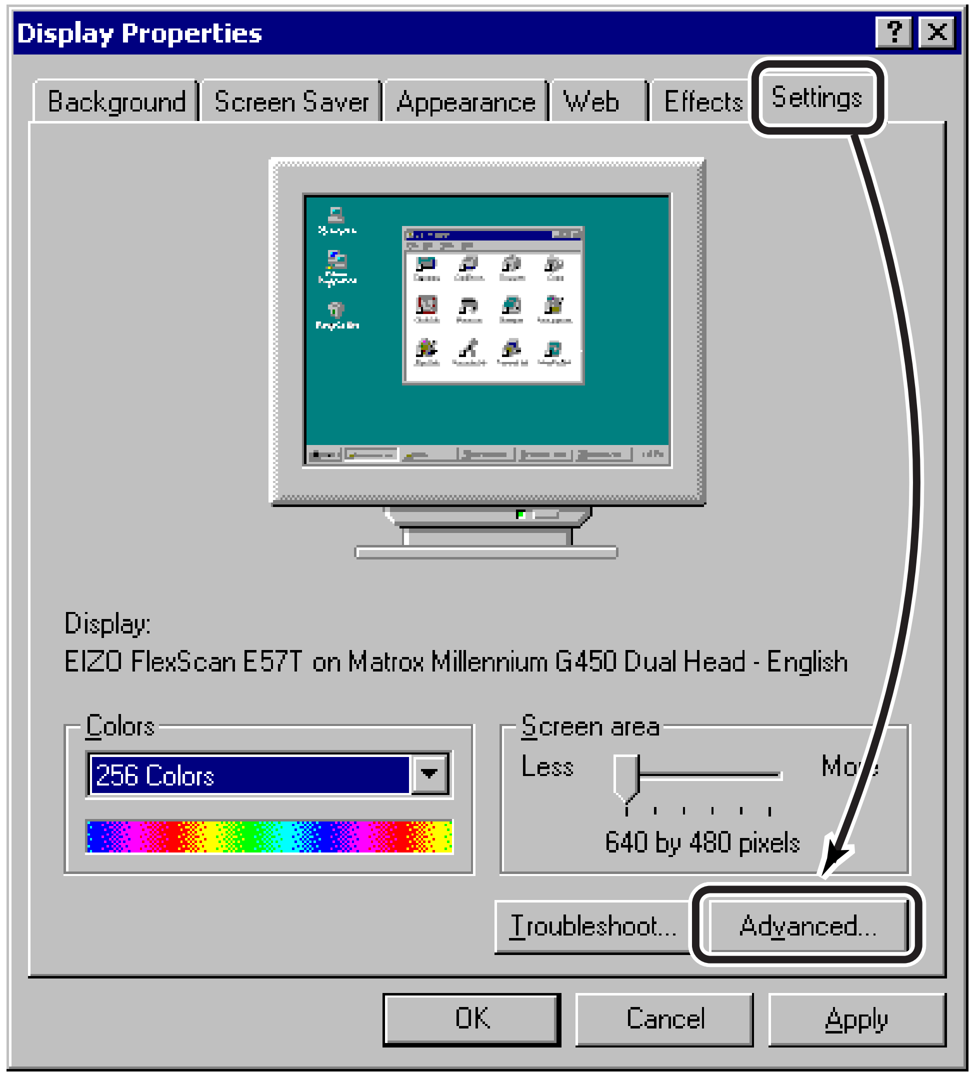
➔ The desktop screen opens.

■ Setting the resolution

1. **Right-click the desktop. When the right-clicked menu opens, choose "Properties".**

➔ The "Display Properties" window opens.

2. **Choose the "Settings" tab and then click** Advanced... **.**


Display Properties
?
Background
Screen Saver
Appearance
Web
Effects
Settings
Less
More
Troubleshoot...
Advanced...
OK
Cancel
Apply

Display:
EIZO FlexScan E57T on Matrox Millennium G450 Dual Head - English

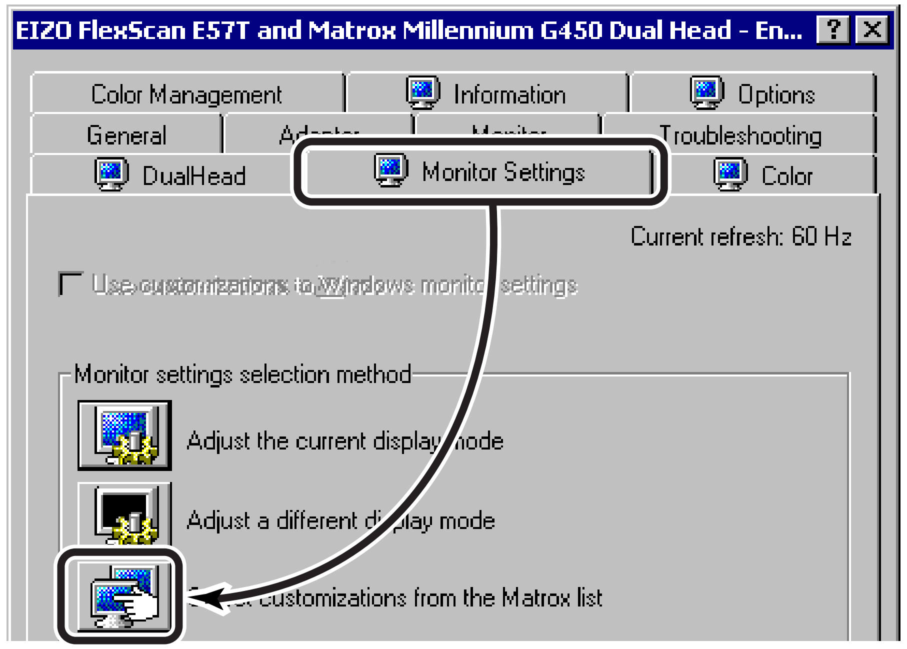
Colors: 256 Colors

Screen area: 640 by 480 pixels

RI000095.EPS

➔ The Matrox G450 monitor setup window (main window) opens.

3. **Choose the "Monitor Settings" tab and then click .**



EIZO FlexScan E57T and Matrox Millennium G450 Dual Head - En...

Current refresh: 60 Hz

☐ Use customizations to Windows monitor settings

Monitor settings selection method

Adjust the current display mode

Adjust a different display mode

...customizations from the Matrox list

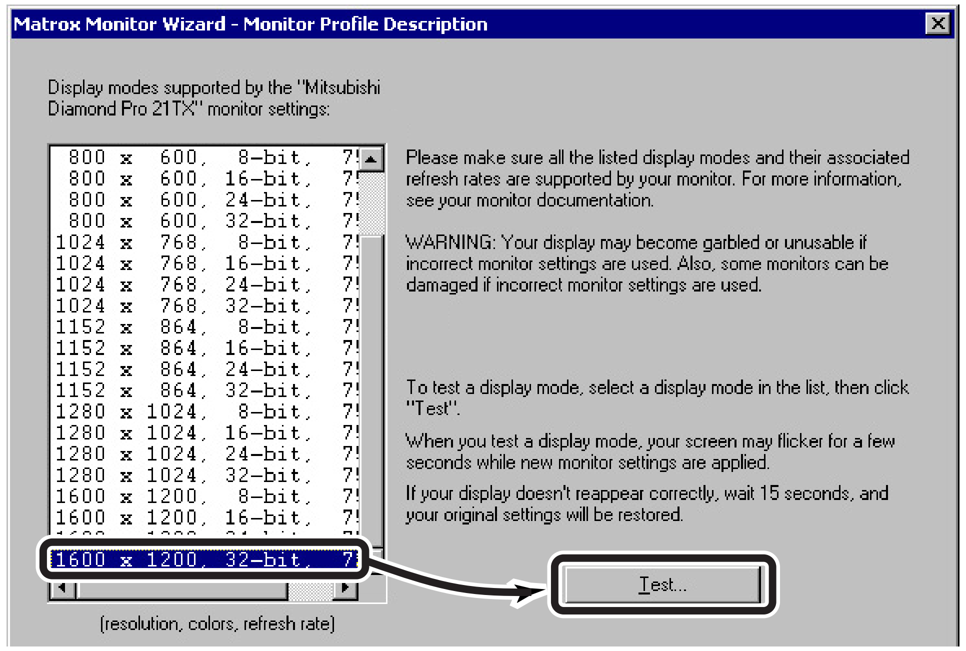
RI000087.EPS

➔ The "Matrox Monitor Wizard - Monitor List" window opens.

4. **Click the ⊞ mark for ⊞ Mitsubishi.**

5. **Choose Diamond Pro 21TX and then click Next >.**

6. **Choose "1600 × 1200 32-bit 75 Hz" and then click Test... .**



Matrox Monitor Wizard - Monitor Profile Description

Display modes supported by the "Mitsubishi Diamond Pro 21TX" monitor settings:

```
 800 x  600,  8-bit,  7!
 800 x  600, 16-bit,  7!
 800 x  600, 24-bit,  7!
 800 x  600, 32-bit,  7!
1024 x  768,  8-bit,  7!
1024 x  768, 16-bit,  7!
1024 x  768, 24-bit,  7!
1024 x  768, 32-bit,  7!
1152 x  864,  8-bit,  7!
1152 x  864, 16-bit,  7!
1152 x  864, 24-bit,  7!
1152 x  864, 32-bit,  7!
1280 x 1024,  8-bit,  7!
1280 x 1024, 16-bit,  7!
1280 x 1024, 24-bit,  7!
1280 x 1024, 32-bit,  7!
1600 x 1200,  8-bit,  7!
1600 x 1200, 16-bit,  7!
1600 x 1200, 32-bit,  7!
```

(resolution, colors, refresh rate)

Please make sure all the listed display modes and their associated refresh rates are supported by your monitor. For more information, see your monitor documentation.

WARNING: Your display may become garbled or unusable if incorrect monitor settings are used. Also, some monitors can be damaged if incorrect monitor settings are used.

To test a display mode, select a display mode in the list, then click "Test".

When you test a display mode, your screen may flicker for a few seconds while new monitor settings are applied.

If your display doesn't reappear correctly, wait 15 seconds, and your original settings will be restored.

RI000089.EPS

➔ The "Matrox Power Desk" window opens.

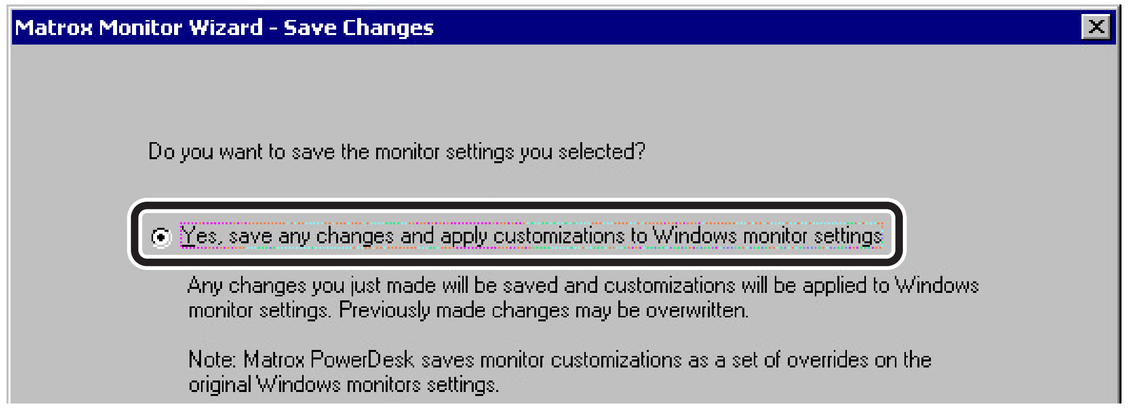
7. **Click OK.**

➔ You are then returned to the previous window.

8. **Click Next >.**

➔ The "Matrox Monitor Wizard - Save Changes" window opens.

9. **Turn ON the ○ Yes, save any changes radio button (○ ➔ ●), and then click Finish.**



Matrox Monitor Wizard - Save Changes

Do you want to save the monitor settings you selected?

● Yes, save any changes and apply customizations to Windows monitor settings

Any changes you just made will be saved and customizations will be applied to Windows monitor settings. Previously made changes may be overwritten.

Note: Matrox PowerDesk saves monitor customizations as a set of overrides on the original Windows monitors settings.

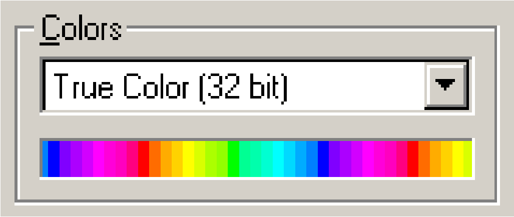
RI000096.EPS

➔ You are then returned to the main window.

10. **Click OK.**

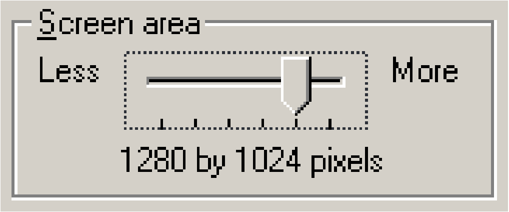
➔ You are then returned to the "Display Properties" window.

11. Perform the following monitor setup steps and then click Apply.

- 

  True Color (32 bit)

  (Colors: True Color (32-bit))

- 

  1280 by 1024 pixels

  (Screen area: 1280 × 1024 or 1600 × 1200 pixels)

◆ NOTE ◆

As the screen area, choose either 1280 × 1024 pixels or 1600 × 1200 pixels depending on the maximum resolution of the jig monitor. If the screen area setting exceeds the maximum resolution of the jig monitor, the jig monitor displays nothing. If such a situation occurs, disconnect the jig monitor and connect a monitor that supports the selected screen area setting.

➔ You are returned to the “Display Properties” window.

12. Click OK.

➔ The “Monitor Settings” window opens.

13. Click Yes.

➔ You are returned to the “Display Properties” window.

14. Click OK.

➔ You are then returned to the desktop screen.

15. If the Ikegami monitor is not connected, disconnect the jig monitor and then connect the Ikegami monitor.

16. If the screen area setting is not 1600 × 1200, open the “Display Properties” window and change the setting to 1600 × 1200.

◆ NOTE ◆

If a screen area setting of 1280 × 1024 pixels is selected in an earlier step in accordance with the jig monitor specifications, be sure to change the setting to 1600 × 1200 pixels after Ikegami monitor connection.
The Ikegami monitor is capable of displaying 1280 × 1024 pixels; however, it is presumed that the application software displays 1600 × 1200 pixels.

Appendix G Reinstalling the Software (NEC PC)

1. Installation Flow

Described herein are the procedures used to install the CL-AP from the OS. When doing so, observe the installation flow shown at the right.

◆ ***NOTE*** ◆

To facilitate you to understand installation workflow in this edition, the following icons are shown to the right of the title in each chapter.

ALL : *All equipment*
RU : *XG-1 RU*
5000P : *5000 plus (FCR5000 and others)*
356/357 : *CR-IR356/CR-IR357*
36X : *CR-IR362/CR-IR363/CR-IR364/CR-IR366/CR-IR367/CR-IR368*

- Installation flow

CL-Config and RU-Config(*1) backup — ☞ **See Chapter 5 under MU: Maintenance Utility.**

2. Installing and Setting Up the OS

3. Setting Up the Monitor

4. Installing MSDE and Its Service Pack

5.1 Installing the CL-AP

5.2 Replacing the Menu Database

6. Installing the Screen Saver

7. Installing the CL Components

8. Installing the Standard Key — When multiple XG-1 RUs or 5000plus or 356/357/36X are connected.

9. ****BLANK****

10. Installing the Option Key

11. Installing the AP Key and Setting the User Interface

12. Initializing the Image Database

13. Optimizing the Screen Display (Setting the LUT file)

14. Restoring the CL-Config

15. Creating the FTP Server

16. CR-IR346RU Settings

17. CR-IR356/357/36X Settings

(15–17) For RU-CL 1:1 connection: Essential
For RU-CL N:N connection: Only for RU master IIP

18. Setting Up NetMeeting [Reference] — Only when remote maintenance mode is used.

19. IIS Network Virus Protection

20. Settings Necessary for Installation of Windows XP Service Pack 2

*1 For the 5000 plus series and CR-IR356/357/36X, see the individual Service Manual to save Config backup.

☞ **For details of the RU master IIP, see “6. RU-CL N:N Connection Function Overview” under “MD: Machine Description”.**

2. Installing and Setting Up the OS ALL

◆ *NOTES* ◆

- *Before installing the OS, jot down the CL host name, IP address, subnet mask, and other relevant information. These items of information will be called for during OS installation.*
- *The "5000 plus" is abbreviated hereinafter simply "IR".*

◆ Property sheet

OS installation drive		C:\
Partition/format		C drive only (no other partitions will be created)/NTFS
Regional settings	Name	FUJI PHOTO FILM CO., LTD.
	Organization	FUJI PHOTO FILM CO., LTD.
Product key		Indicated on the right-hand side of the PC main unit cover.
Computer name and password	Computer name	The default settings when shipped from factory. CR-IR346CL : CLXXXXXXXX CR-IR346CL (Lite) : CRXXXXXXXX CR-IR348CL (Plus) : CPXXXXXXXX (XXXXXXXX: Manufacture No.) *Take notes accordingly if changed.
	Password	fcr-iip
Network settings	Protocol used	TCP/IP
	IP address	"172.16.1.20" when shipped from factory. *Take notes accordingly if changed.
	Subnet mask	"255.255.0.0" when shipped from factory. *Take notes accordingly if changed.
	Domain or workgroup	Used by the workgroup. (The group name remains the default.)
This computer's user settings (auto logon settings)	Automatically logged on user name	Administrator
	Password	fcr-iip
Monitor settings	Display color	True Color (24 or 32bits)
	Display area	1024×768 (15inch LCD/17inch CRT)
	MS-IME setting (Japanese version only)	The toolbar is stored in the taskbar.

The Windows XP installation procedure is explained as follows.

Install the OS in the following cases:

- When the HDD is replaced.
- When an error occurs with the OS.

Have the following ready for use when installing the OS.
NEC Recovery CD-ROM (WinXP Professional Reinstalling DISK#1–#3 (3 CDs) included in the PC package)

➤ *IMPORTANT*

- *Before formatting the HDD, make backup copies of image data, if there are any, as required by the user.*
- *Make backup copies of the config data (CL-Config and RU-Config) that store various settings of the CL and RU, ahead of time.*
- *User the User Utility function to make backup copies of user setting information (by placing checkmarks to all items).*

■ Removing the board and peripheral devices

1. Remove the PEI or PSI board from the PCI slots, if it is mounted.

☞ **For the board removal procedure, see "Appendix C Removing/Reinstalling the Board (PEI/PSI)".**

2. Remove all peripheral devices, such as Barcode Reader, Magnetic Card Reader and others, from the USB port.

◆ *NOTES* ◆

- *If OS installation processing is performed with the PEI or PSI board left mounted on the PCI slots, use the Device Manager to delete the "Other Devices" file after the OS has been installed accordingly.*

☞ ***"3.2 Typical Procedure for Achieving Recovery from an LP (Local Printer) Printout Generation Failure ■ Checking the PEI01 board device driver" under "MT: Machine Troubleshooting"***

- *If OS installation processing is performed with the peripheral devices left connected to the USB port, a different driver will be installed, same as the case with the PEI or PSI board.*

■ Installing the OS

1. **Turn the monitor and PC power switch ON.**

   ➔ The PC will start running.

2. **When “F2 SETUP” appears at the upper left corner of the window, press the <F2> key.**

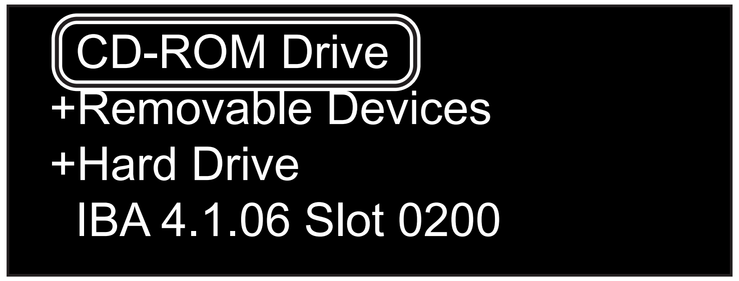
   ◆ *NOTE* ◆

   The setup window will not open unless the <F2> key is pressed with the timeliness.
   In such an instance, restart the PC to repeat step 2.

   ➔ The setup window (PhenixBIOS Setup Utility) opens.

3. **Select the “Boot” tab.**

4. **Move “CD-ROM Drive” to the top.**



```
 CD-ROM Drive
+Removable Devices
+Hard Drive
 IBA 4.1.06 Slot 0200
```

RI000231.EPS

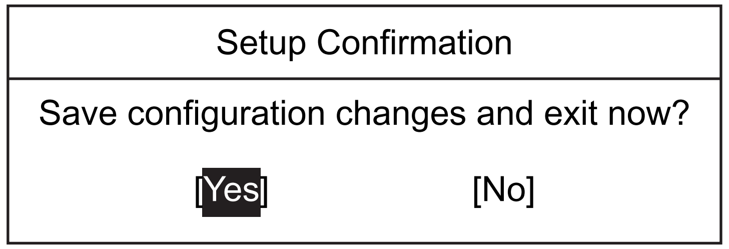
5. **Insert the Recovery CD DISK#1 into the CD-ROM drive.**

6. **Press the <Esc> key.**

   ➔ The Exit menu will open.

7. **Check to see that “Exit Saving Changes” has been selected and press the <Enter> key.**

   ➔ The “Setup Confirmation” window opens.



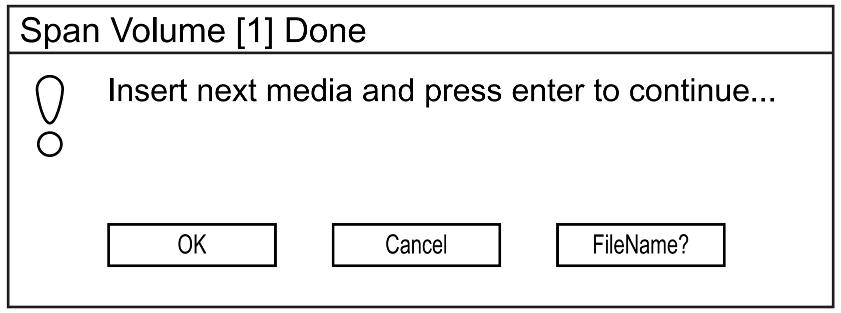
Setup Confirmation

Save configuration changes and exit now?

RI000232.EPS

8. **Make sure that “Yes” has been selected and press the <Enter> key.**

   ➔ The PC restarts. DISK#1 installation processing will then start and a window like that shown below will open after about five minutes.



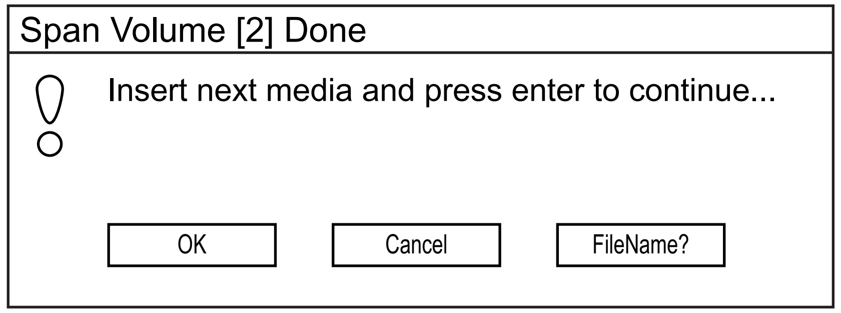
Span Volume [1] Done

Insert next media and press enter to continue...

RI000234.EPS

9. **Insert Recovery CD DISK#2 into the CD-ROM drive and press the <Enter> key.**

   ➔ DISK#2 installation processing will then start and a window like that shown below will open after about five minutes.



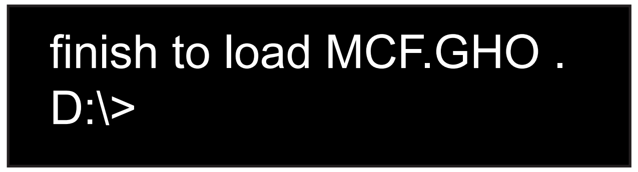
Span Volume [2] Done

Insert next media and press enter to continue...

RI000235.EPS

10. **Insert Recovery CD DISK#3 into the CD-ROM drive and press the <Enter> key.**

    ➔ DISK#3 installation processing will then start and a window like that shown below will open after about two minutes.



```
finish to load MCF.GHO .
D:\>
```

RI000236.EPS

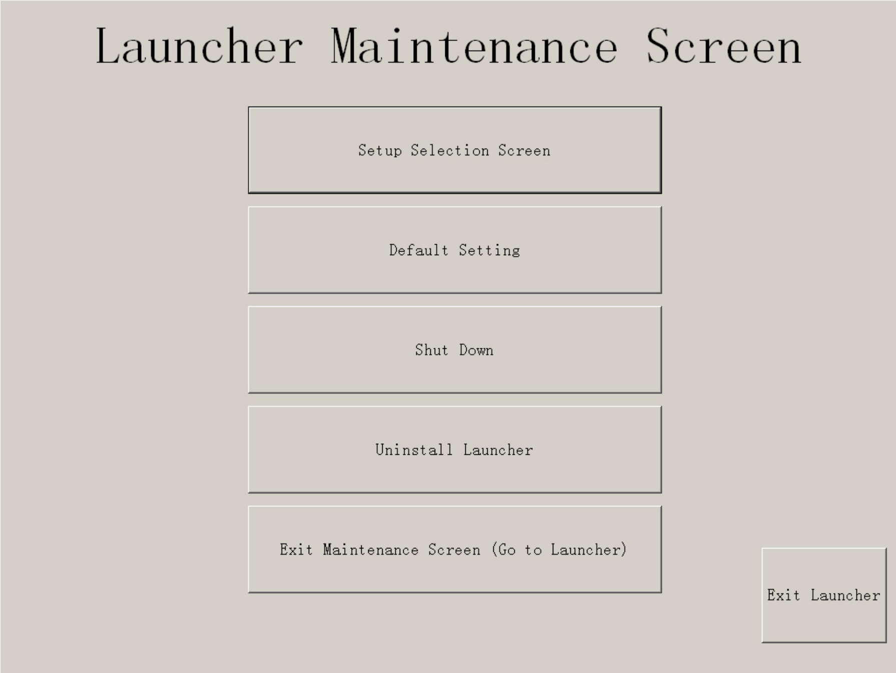
11. **Remove Recovery CD DISK#3 and turn the PC power switch OFF.**

12. **Turn then the PC power switch ON.**
    → The “Windows XP Professional Setup” window will open.

13. **Select “I accept this agreement” (○ → ●) and click Next >.**
    → OS installation processing will finish, starting then Windows XP.

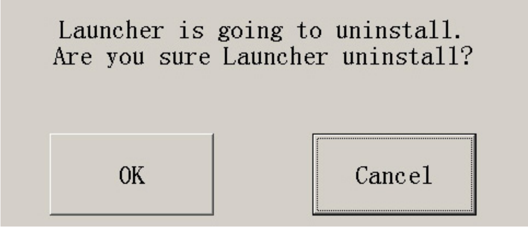
■ Uninstalling the launcher

1. **Click Display Maintenance Screen at the upper right corner of the desktop.**
    → The “Launcher Maintenance Screen” window opens.


Launcher Maintenance Screen
Setup Selection Screen
Default Setting
Shut Down
Uninstall Launcher
Exit Maintenance Screen (Go to Launcher)
Exit Launcher

RI000237.EPS

2. **Click Uninstall Launcher.**
    → An uninstallation confirmation window opens.


Launcher is going to uninstall.
Are you sure Launcher uninstall?

RI000238.EPS

3. **Click OK.**
    → Launcher uninstallation processing will finish and the system then returns to the desktop.

■ Setting the computer name

1. **Select “Control Panel” from the Start menu.**

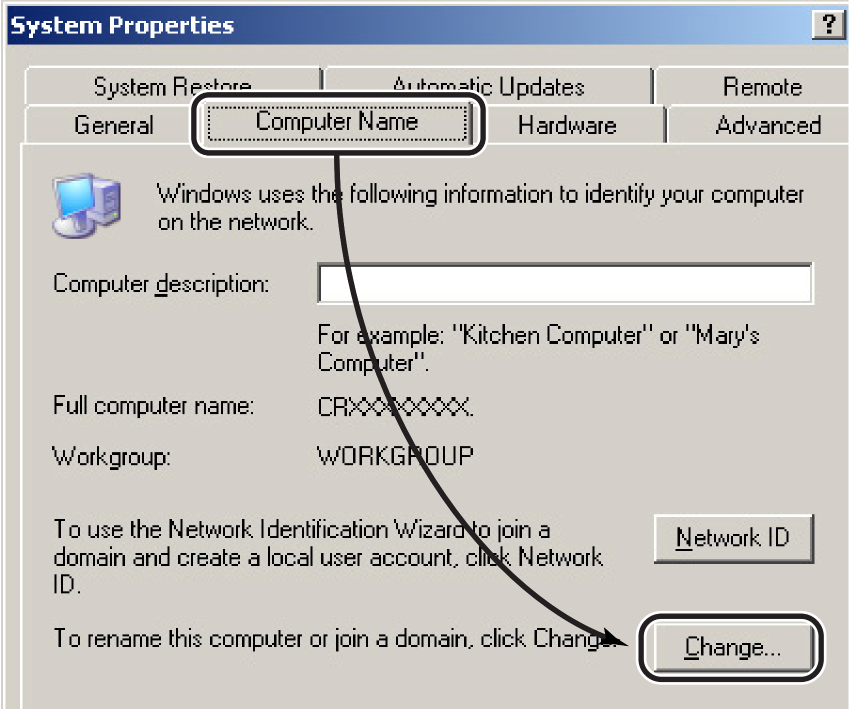
   ➔ The Control Panel opens.

2. **Click Switch to Classic View.**

3. **Double-click System.**

   ➔ The “System Proterties” window opens.

4. **Click the “Computer Name” tab and then Change... .**



Windows uses the following information to identify your computer on the network.

Computer description:

For example: "Kitchen Computer" or "Mary's Computer".

Full computer name: CRXXXXXXXX.

Workgroup: WORKGROUP

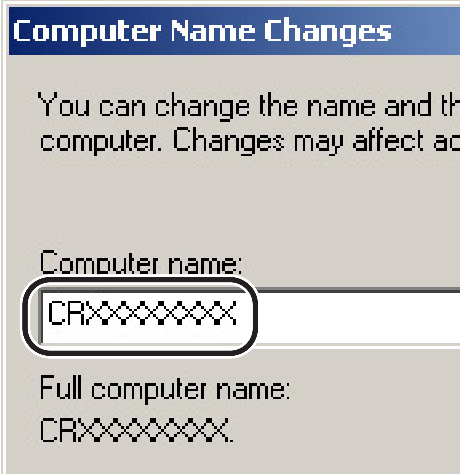
To use the Network Identification Wizard to join a domain and create a local user account, click Network ID.

To rename this computer or join a domain, click Change.

RI000249.EPS

➔ The “Computer Name Changes” window opens.

5. **Enter a computer name (host name).**



You can change the name and th
computer. Changes may affect ac

Computer name: CRXXXXXXXX

Full computer name: CRXXXXXXXX.

RI000242.EPS

Default settings are as follows.

- CR-IR346CL : CLXXXXXXXX (“CL” is in uppercase. XXXXXXXX represents the product number.)
- CR-IR348CL : CRXXXXXXXX (Lite) (“CR” is in uppercase. XXXXXXXX represents the product number.)
- CR-IR348CL : CPXXXXXXXX (Plus) (“CP” is in uppercase. XXXXXXXX represents the product number.)

6. **Click OK.**

   ➔ The system returns to the “System Properties” window.

7. **Click OK.**

   ➔ The system returns to the desktop.

■ Setting the IP address

1. **Select “Control Panel” from the Start menu.**

➔ The Control Panel opens.

2. **Double-click Network Connections.**

➔ The “Network Connections” window opens.

3. **Double-click Local Area Connection.**

➔ The “Local Area Connection Status” window opens.

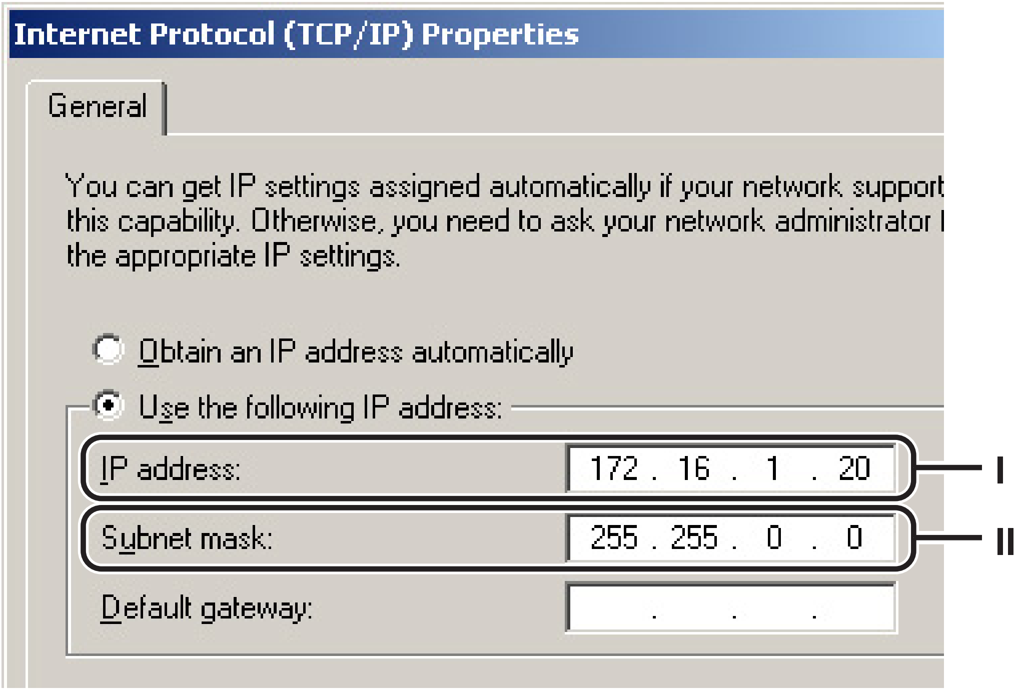
4. **Click Properties.**

➔ The “Local Area Connection Properties” window opens.

5. **Select ☑ Internet Protocol (TCP/IP), and click Properties.**

➔ The “Internet Protocol (TCP/IP) Properties” window opens.

6. **Select ● Use the following IP address: (○ ➔ ●) and perform the following settings.**



Internet Protocol (TCP/IP) Properties

General

You can get IP settings assigned automatically if your network support this capability. Otherwise, you need to ask your network administrator the appropriate IP settings.

○ Obtain an IP address automatically

● Use the following IP address:

IP address: 172 . 16 . 1 . 20

Subnet mask: 255 . 255 . 0 . 0

Default gateway: . . .

RI000243.EPS

I. Enter an IP address (e.g.: 172.16.1.20).

II. Enter a subnet mask (e.g.: 255.255.0.0).

7. **Click OK.**

➔ The “Local Area Connection Properties” window opens.

8. **Click OK.**

➔ The “Local Area Connection Status” window opens.

9. **Click Close.**

➔ The system returns to the desktop.

■ Setting the network speed

1. Select “Control Panel” from the Start menu.

➔ The Control Panel opens.

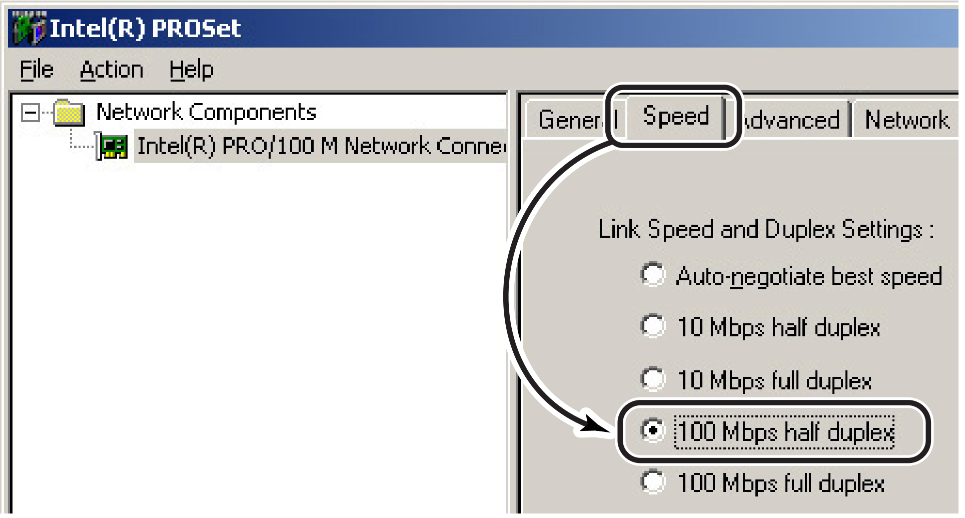
2. Click Intel PROSet.

➔ The “Intel PROSet” window opens.

3. Click the “Speed” tab and select ○ 100 Mbps half duplex (○ ➔ ◉).

◆ NOTE ◆

The CR-IR346RU (XG-1 RU) supports only “100Mbps half duplex”. Be sure to “100Mbps half duplex”.


Intel(R) PROSet
File
Action
Help
Network Components
Intel(R) PRO/100 M Network Conne
Gener
Speed
dvanced
Network

Link Speed and Duplex Settings :

○ Auto-negotiate best speed
○ 10 Mbps half duplex
○ 10 Mbps full duplex
◉ 100 Mbps half duplex
○ 100 Mbps full duplex

RI000239.EPS

4. Click OK.

➔ The system returns to the Control Panel.

5. Close the Control Panel.

➔ The system returns to the desktop.

■ Setting the date and time

1. Select “Control Panel” from the Start menu.

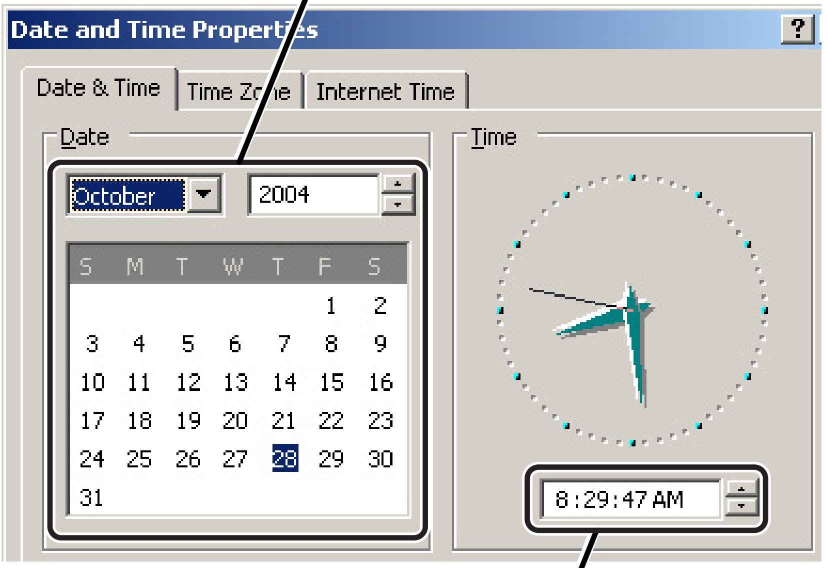
➔ The Control Panel opens.

2. Double-click Date and Time.

➔ The “Date and Time Properties” window opens.

3. Confirm the date and time.

Confirm the date.


Date and Time Properties
?
Date & Time
Time Zone
Internet Time
Date
Time

October 2004

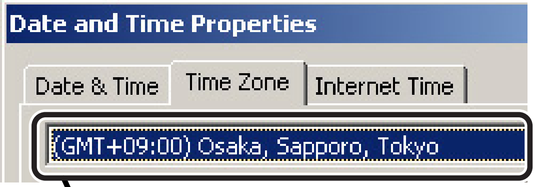
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

8:29:47 AM

Confirm the time.

RI000244.EPS

4. Select the “Time Zone” tab and confirm the time zone.


Date and Time Properties
Date & Time
Time Zone
Internet Time

(GMT+09:00) Osaka, Sapporo, Tokyo

Confirm the time zone.

RI000245.EPS

5. Click OK to close the Control Panel.

➔ The system returns to the desktop.

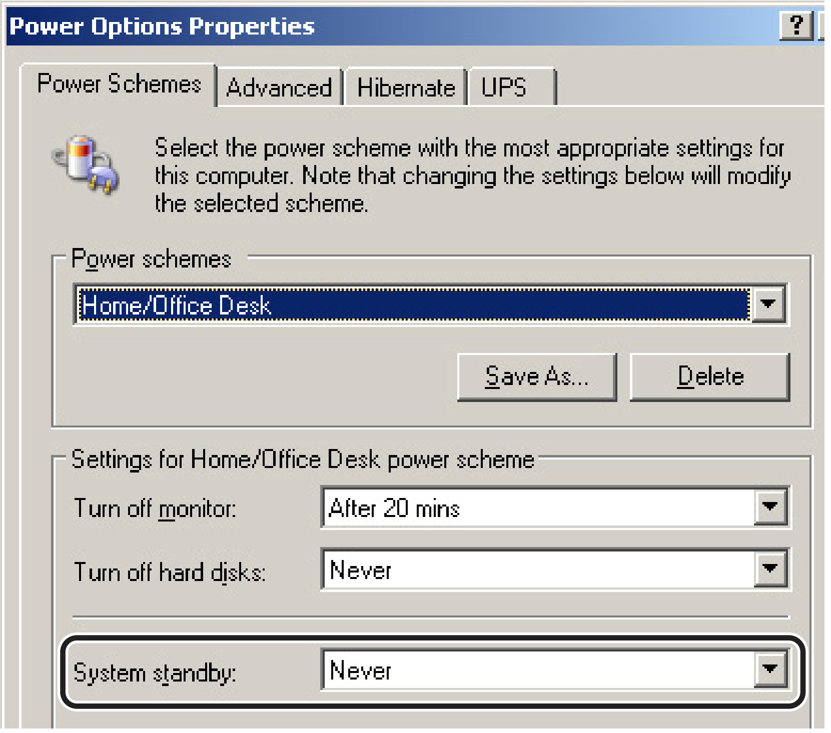
■ Avoiding a password input prompt when exiting from the suspend mode

By default, the PC prompts for password input when you attempt to exit the suspend mode. Since it is conceivable that the user may inadvertently press the Suspend button on the keyboard, perform the following procedure as required.

1. **Select "Control Panel" from the Start menu.**
   ➔ The Control Panel opens.

2. **Double-click Power Options.**
   ➔ The "Power Option Properties" window opens.

3. **Set "System Standby" to "Never".**


Power Options Properties
?
Power Schemes
Advanced
Hibernate
UPS
Save As...
Delete

Select the power scheme with the most appropriate settings for this computer. Note that changing the settings below will modify the selected scheme.

Power schemes: Home/Office Desk

Settings for Home/Office Desk power scheme

Turn off monitor: After 20 mins

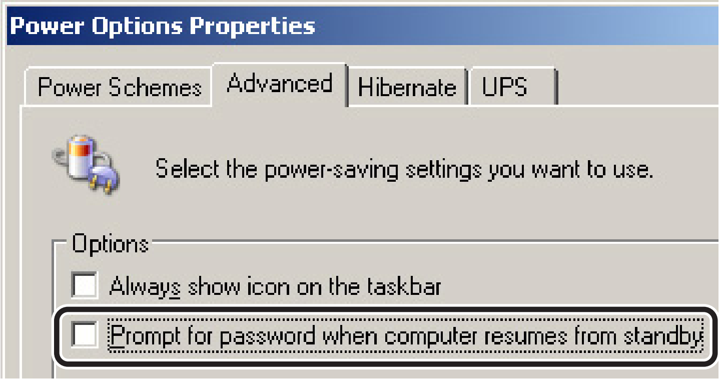
Turn off hard disks: Never

System standby: Never

RI000246.EPS

4. **Click the "Advanced" tab.**

5. **Uncheck ☐ Prompt for password when computer resumes from standby (☑ ➔ ☐).**


Power Options Properties
Power Schemes
Advanced
Hibernate
UPS

Select the power-saving settings you want to use.

Options

☐ Always show icon on the taskbar

☐ Prompt for password when computer resumes from standby

RI000250.EPS

6. **Click OK.**
   ➔ The system returns to the Control Panel.

7. **Close the Control Panel.**
   ➔ The system returns to the desktop.

■ Determining a character to be used as a decimal point

Specify "." (period) as the character to be used as a decimal point.
If anything other than a period is specified for that, an error occurs when you select an image distribution destination with the QA operation.

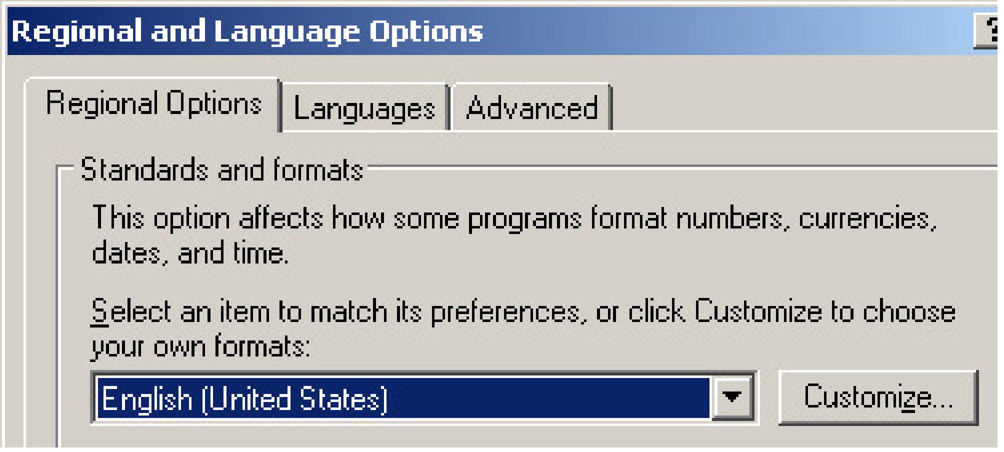
1. Select "Control Panel" from the Start menu.

➔ The Control Panel opens.

2. Double-click Regional and Language ....

➔ The "Regional and Language Options" window opens.

3. Make sure that the "Regional Options" tab has been selected and click Customize....



Regional and Language Options

Regional Options | Languages | Advanced

Standards and formats

This option affects how some programs format numbers, currencies, dates, and time.

Select an item to match its preferences, or click Customize to choose your own formats:

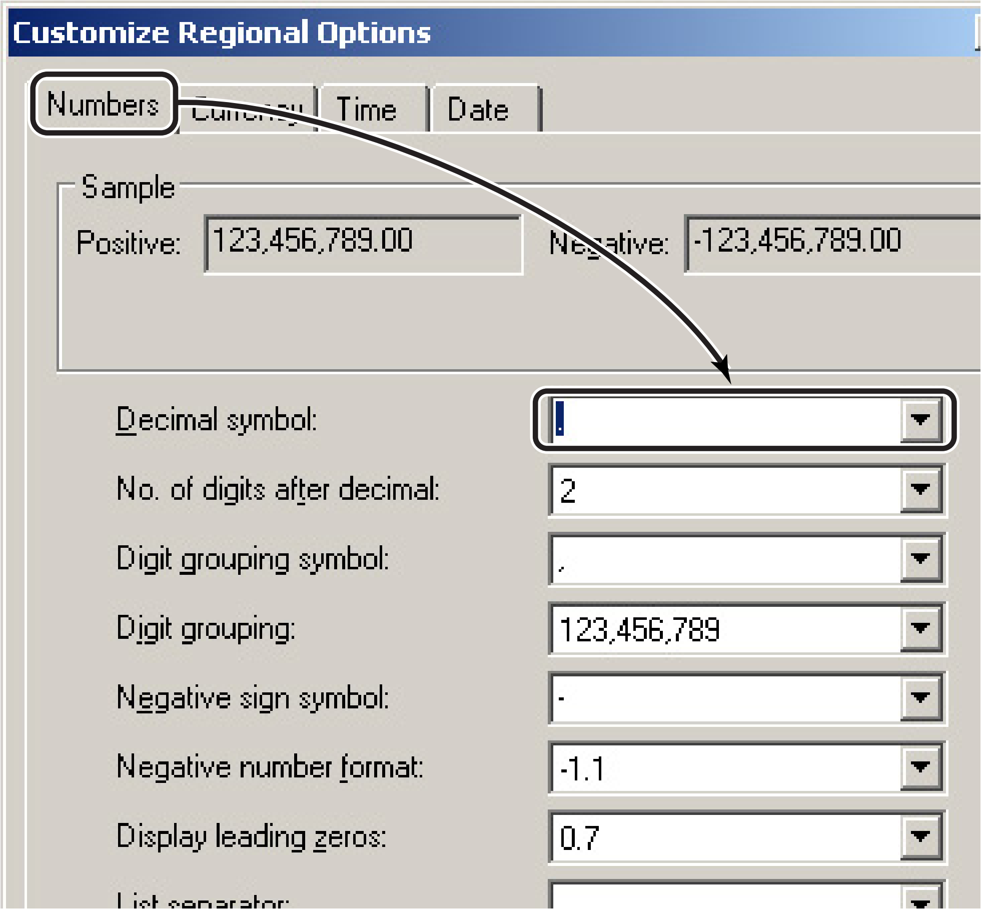
English (United States)

Customize...

RI000247.EPS

4. Change what is entered in the "Decimal symbol" field to a period.

If, as a result of the above change, what is entered in the "Digit grouping symbol" field is the same as that in the "Digital symbol" field, change it in the "Digit grouping symbol" field accordingly.



Customize Regional Options

Numbers | Currency | Time | Date

Sample

Positive: 123,456,789.00

Negative: -123,456,789.00

Decimal symbol:

No. of digits after decimal: 2

Digit grouping symbol: ,

Digit grouping: 123,456,789

Negative sign symbol: -

Negative number format: -1.1

Display leading zeros: 0.7

List separator:

RI000248.EPS

5. Click OK.

➔ The system returns to the Control Panel.

6. Close the Control Panel.

➔ The system returns to the desktop.

3. Setting Up the Monitor

ALL

☞ For details of monitor settings, see “3. Setting Up the Monitor” under “RI: Reinstalling the Software”.

4. Installing MSDE and Its Service Pack

ALL

☞ For how to install MSDE and its Service Pack, see “4. Installing MSDE and Its Service Pack” under “RI: Reinstalling the Software”.

5. Installing the CL-AP

ALL

5.1 Installing the CL-AP

☞ For the CL-AP installation procedure, see “5.1 Installing the CL-AP” under “RI: Reinstalling the Software”.

5.2 Replacing the Menu Database

☞ For how to replace the menu database, see “5.2 Replacing the Menu Database” under “RI: Reinstalling the Software”.

6. Installing the Screen Saver

7. Installing the CL Components

ALL

☞ For how to install various CL components, see “7. Installing the CL Components” under “RI: Reinstalling the Software”.

8. Installing the Standard Key

ALL

☞ For how to install Standard Key, see “8. Installing the Standard Key” under “RI:Reinstalling the Software”.

9. ****BLANK****

10. Installing the Option Key

ALL

☞ For the Option Key installation procedure, see “10. Option Key Installation” under “RI: Reinstalling the Software”.

11. Installing the AP Key and Setting the User Interface

ALL

☞ For details of AP Key installation and user interface settings, see “11. AP Key Installation” under “RI: Reinstalling the Software”.

12. Initializing the Image Database

ALL

☞ For initialization of the image database, see “12. Initializing the Image Database” under “RI: Reinstalling the Software”.

13. Optimizing the Screen Display (Setting the LUT file)

ALL

☞ For optimization of the screen display (setting the LUT file), see “13. Display Optimization (LUT file settings)” under “RI: Reinstalling the Software”.

14. Restoring the CL-Config

ALL

☞ For how to restore the CL-Config, see “14. Restoring the CL-Config” under “RI: Restoring the Software”.

15. Creating the FTP Server

RU **356/357** **36X**

Perform the following procedure to prepare on the CL's HDD the FTP server to be viewed by the XG-1 RU and CR-IR356/357/36X.
The FTP server can be created by installing the IIS Manger.

◆ *NOTE* ◆

For RU-CL N:N connection (when two or more CLs are connected), perform necessary settings here only for the CL that will serve as the RU Master IIP.

➥ *REFERENCE*

The IIS Manager is a program used for creating an FTP server and comes with the OS (Window XP).

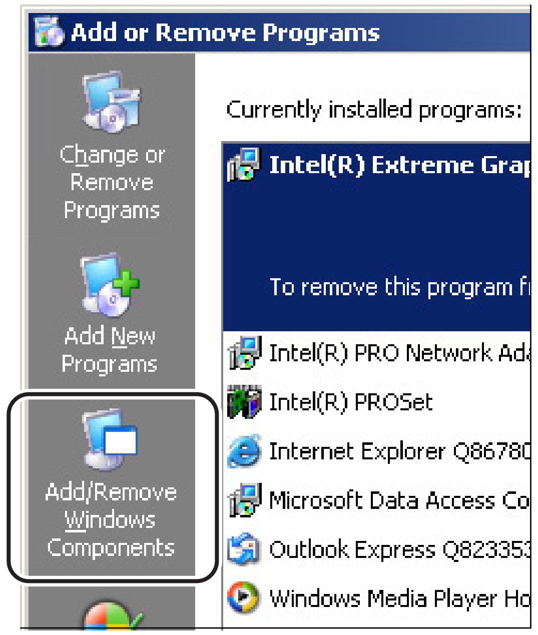
1. **Select "Control Panel" from the Start menu.**

   → The Control Panel opens.

2. **Double-click Add or Remove Programs.**

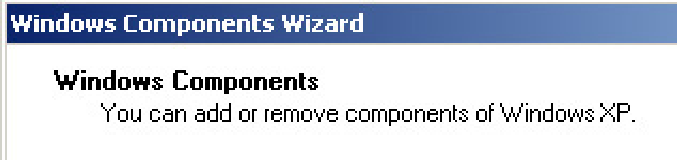
   → The "Add or Remove Program" window opens.

3. **Click "Add/Remove Windows Components".**


Add or Remove Programs
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Currently installed programs:
Intel(R) Extreme Grap
To remove this program f
Intel(R) PRO Network Ad
Intel(R) PROSet
Internet Explorer Q86780
Microsoft Data Access Co
Outlook Express Q82335
Windows Media Player Ho

RI000240.EPS

→ The "Windows Components Wizard" window opens.


Windows Components Wizard

Windows Components
You can add or remove components of Windows XP.

RI000241 .EPS

4. **Check ☐ Internet Information Services (IIS) (☐ → ☑) and click Details... .**

   → The "Internet Information Service (IIS)" window opens.

5. **Check ☐ File Transfer Protocol (FTP) Service (☐ → ☑) and click OK .**

   → The system returns to the "Windows Components Wizard" window.

6. **Click Next > .**

   → IIS Manager installation processing will start.
   After a few minutes, a message appears to indicate that installation processing has been completed.

7. **Click Finish .**

   → The screen returns to the Control Panel.

8. **Close the Control Panel.**

   → The system returns to the desktop.

16. CR-IR346RU Settings

ALL

☞ For CR-IR346RU settings, see “16. CR-IR346RU Settings” under “RI: Reinstalling the Software”.

17. CR-IR356/357/36X Settings

356/357 **36X**

☞ For CR-IR356/357/36X settings, see “17. CR-IR35X/36X Settings” under “RI: Reinstalling the Software”.

18. Setting Up NetMeeting [Reference]

ALL

☞ For details of NetMeeting, see “18. Setting Up NetMeeting [Reference]” under “RI: Reinstalling the Software”.

19. IIS Network Virus Protection

ALL

☞ For details of IIS network virus protection, see “19. IIS Network Virus Protection” under “RI: Reinstalling the Software”.

20. Settings Necessary for Installation of Windows XP Service Pack 2

ALL

☞ For details of settings necessary for installation of Windows XP Service Pack2, see “20. Settings Necessary for Installation of Windows XP Service Pack2” under “RI: Reinstalling the Software”.

21. Installing CL-AP V3.1

ALL

☞ For details of installation of CL-AP V3.1, see “Appendix H Installing CL-AP V3.1” under “RI: Reinstalling the Software”.

Appendix H   Installing CL-AP V3.1

ALL

◆ ***NOTE*** ◆

Install CL-AP software version V3SP1 (hereinafter referred to as "V3.1") as a service pack for version V3.0.

Installing V3.1 will make it possible for you to use on the CL additional functions, such as supports provided to Portuguese, GPR processing in RU 1:1 configuration and others.
Described herein is the V3.1 installation procedure.

■ Preparations for installation (exiting the CL-AP)

Prior to installing V3.1, exit the CL-AP by following the steps below.

1. **Turn ON the power to the PC.**

➔ Windows will be up and running. The CL-AP will also be up and running in about one minute, and the CL's initial window opens.

2. **After the CL's initial window has opened, check that no study is left in WL, QA and Queue tabs. If there is any study remaining unprocessed, perform the following.**

- Finish or delete a study in the Local WL tab.
- Finish a study in the QA tab.
- Output or delete a study in the Queue tab.

3. **When the exit window opens at the click of** Shut Down**, click** OK **while holding down the <Shift> key.**

➔ The CL-AP exits and the system returns to the desktop.

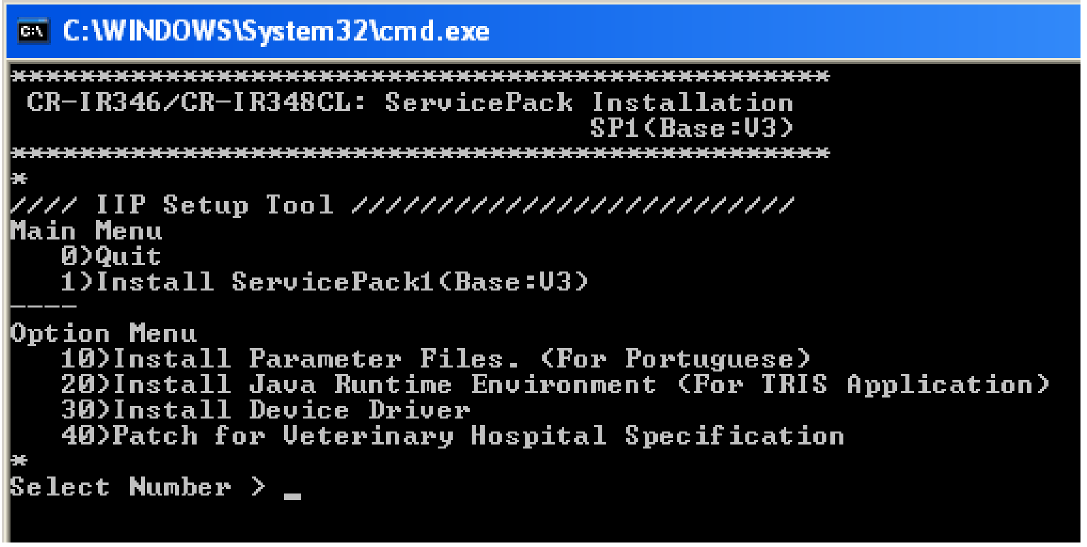
➥ ***REFERENCE***

If you click [OK] without holding down the <Shift> key, both the CL-AP and Windows exit.

■ Service pack installation

1. **Insert the V3.1 CD-ROM into the CD drive.**

➔ The Main/Option Menu window opens.



C:\WINDOWS\System32\cmd.exe

```
************************************************
 CR-IR346/CR-IR348CL: ServicePack Installation
                                  SP1(Base:V3)
************************************************
*
//// IIP Setup Tool //////////////////////////
Main Menu
   0)Quit
   1)Install ServicePack1(Base:V3)
----
Option Menu
   10)Install Parameter Files. (For Portuguese)
   20)Install Java Runtime Environment (For TRIS Application)
   30)Install Device Driver
   40)Patch for Veterinary Hospital Specification
*
Select Number > _
```

21000001.EPS

2. **Type in "1" and press the <Enter> key.**

➔ After completion of installation, the system returns to the Main/Option Menu window.

3. **To install various functions offered by V3.1, see "■ Installation of functions" described on the next page. To quit, type in "0" and press the <Enter> key.**

➔ The system returns to the desktop.

4. **Remove the CD-ROM from the drive.**

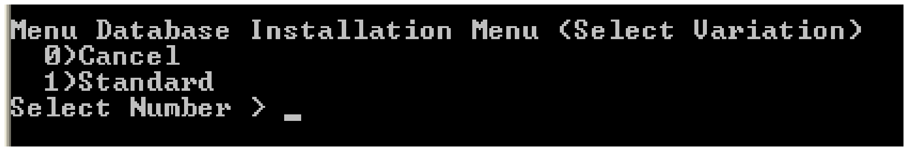
■ Installation of functions

For functions such as support provided to Portuguese, install only necessary functions to suit installation sites, after V3.1 has been installed accordingly.

● For installation of environment settings for Portuguese

1. **Type in “10” on the Main/Option Menu window and click the <Enter> key.**

➔ The “Menu Database Installation Menu (Select Variation)” window opens.

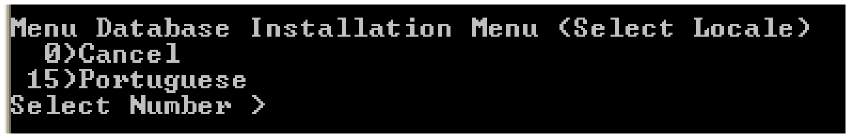


```
Menu Database Installation Menu (Select Variation)
  0)Cancel
  1)Standard
Select Number > _
```

21000002.EPS

2. **Type in “1” and press the <Enter> key.**

➔ The “Menu Database Installation Menu (Select Locale)” window opens.

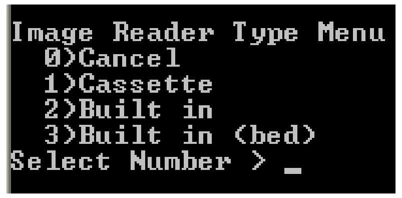


```
Menu Database Installation Menu (Select Locale)
  0)Cancel
 15)Portuguese
Select Number >
```

21000003.EPS

3. **Type in “15” and press the <Enter> key.**

➔ The “Image Reader Type Menu” window opens.

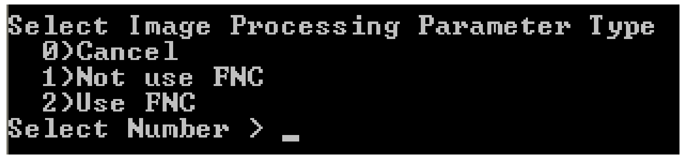


```
Image Reader Type Menu
  0)Cancel
  1)Cassette
  2)Built in
  3)Built in (bed)
Select Number > _
```

21000004.EPS

4. **Type in a number for the Imager Reader to be used and press the <Enter> key.**

➔ The “Select Image Processing Parameter Type” window opens.



```
Select Image Processing Parameter Type
  0)Cancel
  1)Not use FNC
  2)Use FNC
Select Number > _
```

21000005.EPS

5. **When FNC parameters (for optionally available Flexible Noise Control processing) are not to be used, type in “1”, and “2” when they are to be used. Press then the <Enter> key.**

➔ After completion of installation, the system returns to the Main/Option Menu window.

● When using the Toshiba RIS connection function (applicable only in Japan)

☞ **For details of the Toshiba RIS connection function, see “OE21 CL+T-RIS (Ordering)” under “OE: Connecting the CL to Other Equipment”.**

● When using the function to display information specific to veterinary clinics (applicable only in Japan)

◆ *NOTE* ◆

Whenever an optionally available function has been installed as above, restart your PC.

■ Verification necessary after completion of installation processing

After completion of installation processing, perform the following procedure to make sure that CL-AP V3.1 has been installed appropriately.

- Select “Programs” from the “Start” menu to make sure that the CL version is V3.1.
- Restart your PC to make sure that the software version displayed at the lower right corner of the CL’s initial window is V3.1.

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